

Package ‘hoopR’

November 10, 2021

Title Functions to Access Men's Basketball Play by Play Data

Version 1.5.0

Description A utility to quickly obtain clean and tidy men's basketball play by play data. Provides functions to access live play by play and box score data from ESPN<<https://www.espn.com>> with shot locations when available. It is also a full NBA Stats API<<https://www.nba.com/stats/>> wrapper. It is also a scraping and aggregating interface for Ken Pomeroy's men's college basketball statistics website<<https://kenpom.com>>. It provides users with an active subscription the capability to scrape the website tables and analyze the data for themselves.

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URL <https://saiemgilani.github.io/hoopR/>,
<https://github.com/saiemgilani/hoopR>

BugReports <https://github.com/saiemgilani/hoopR/issues>

SystemRequirements pandoc (>= 1.12.3), pandoc-citeproc

Depends R (>= 4.0.0)

Imports cli (>= 1.1.0), data.table (>= 1.14.0), dplyr, furr, future, glue, janitor, jsonlite, magrittr, progressr (>= 0.6.0), Rcpp (>= 1.0.7), RcppParallel (>= 5.1.4), rlang (>= 0.4.0), rvest (>= 1.0.0), stringr (>= 1.3.0), tidyr (>= 1.0.0), usethis (>= 1.6.0)

Suggests crayon (>= 1.3.4), curl, DBI, ggplot2, ggrepel, httr (>= 0.5), purrr (>= 0.3.0), qs (>= 0.25.1), rmarkdown, RSQLite, stats, stringi, testthat, tibble (>= 3.0), xml2 (>= 1.3)

Encoding UTF-8

LazyData true

RoxygenNote 7.1.2

NeedsCompilation no

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R topics documented:

allplayers	6
alltime	7
assists	7
assist_tracker	8
bs_adv2	9
bs_defensive	10
bs_ff2	10
bs_match	11
bs_misc2	12
bs_pt_v2	13
bs_scoring2	13
bs_similarity	14
bs_summary2	15
bs_tradv2	16
bs_usage2	17
check_status	18
clean_team_names_NCAA_merge	18
commonplayerinfo	19
commonplayoffseries	19
commonteamroster	20
csv_from_url	21
cumestatsplayer	24
cumestatsplayergames	25
cumestatsteam	26
cumestatsteamgames	27
dboard	28
dcombine_anthro	29
dcombine_drill	29
dcombine_nsshooting	30
dcombine_sshooting	30
dcombine_stats	31
defensehub	31
espn_mbb_betting	32
espn_mbb_conferences	33
espn_mbb_game_all	33
espn_mbb_pbp	34
espn_mbb_player_box	35
espn_mbb_rankings	35
espn_mbb_scoreboard	36
espn_mbb_standings	37
espn_mbb_teams	37
espn_mbb_team_box	38
espn_nba_betting	38
espn_nba_game_all	39
espn_nba_pbp	39
espn_nba_player_box	40

espn_nba_scoreboard	41
espn_nba_standings	41
espn_nba_teams	42
espn_nba_team_box	42
fantasywidget	43
franchisehistory	44
franchiseleaders	45
franchiseplayers	46
gl_bs_similarity	46
homepageleaders	47
homepagev2	48
hustle_bs	49
hustle_p	50
hustle_pl	52
hustle_t	54
hustle_tl	56
kp_arenas	58
kp_box	58
kp_coach_history	59
kp_conf	60
kp_confhistory	64
kp_confstats	65
kp_efficiency	67
kp_fanmatch	67
kp_foul_trouble	68
kp_fourfactors	69
kp_gameplan	70
kp_game_attrs	70
kp_hca	71
kp_height	72
kp_kpoy	72
kp_minutes_matrix	73
kp_officials	73
kp_opptracker	74
kp_playerstats	75
kp_player_career	76
kp_pointdist	76
kp_pomeroy_archive_ratings	77
kp_pomeroy_ratings	78
kp_program_ratings	79
kp_referee	80
kp_teamstats	81
kp_team_depth_chart	81
kp_team_history	82
kp_team_lineups	84
kp_team_players	85
kp_team_player_stats	85
kp_team_schedule	86

kp_trends	86
kp_user_pw	87
kp_winprob	88
ld_oppptshot	89
ld_pbiostats	91
ld_pclutch	93
ld_pptshot	96
ld_pshotloc	98
ld_pstats	101
ld_ptdefend	103
ld_ptstats	105
ld_ptteamdefend	107
ld_tclutch	109
ld_tptshot	111
ld_tshotloc	113
ld_tstats	115
leaderstyles	117
leaguedashlineups	118
leagueleaders	120
leaguelineupviz	121
leagueplayerondetails	123
leagueseasonmatchups	124
lg_streak	125
load_mbb_pbp	130
load_mbb_player_box	131
load_mbb_schedule	131
load_mbb_team_box	132
load_nba_pbp	133
load_nba_player_box	134
load_nba_schedule	135
load_nba_team_box	135
l_gamelog	136
l_standings	137
l_standingsv3	138
matchupsrollup	139
most_recent_mbb_season	140
most_recent_nba_season	140
nba_data_pbp	140
nba_stats_videodetails	141
nba_stats_videoevents	143
nba_teams	143
ncaa_mbb_NET_rankings	144
pbp	145
pbyclutch	145
pbygamesplits	147
pbygeneralsplits	149
pbylastngames	150
pbyopponent	152

pbyshootingsplits	154
pbyteamperformance	155
pbyyearoveryear	157
pcareerbycollege	159
pcareerbycollege_ru	159
pfantasy	160
pfantasy_bg	161
pg_streak	162
playerawards	167
playercareerstats	167
playercompare	168
playerprofilev2	170
playervsplayer	170
po_picture	172
pptpass	173
pptreb	174
pptshotdefend	175
pptshots	177
progressively	178
p_est_metr	179
p_gamelog	179
p_gamelogs	180
p_n_g	182
rds_from_url	182
rejoin_schedules	183
sc	183
schedule	185
scoreboard	185
scoreboardv2	186
sc_lw	187
tbyclutch	187
tbygamesplits	189
tbygeneralsplits	191
tbylastngames	192
tbyopponent	194
tbyshootingsplits	196
tbyteamperformance	197
tbyyearoveryear	199
teamdashlineups	201
teaminfo	202
teams_links	203
tg_streak	204
thist_leaders	214
tp	214
tp_onoffsummary	216
tp_onoff_det	218
t_details	219
t_est_metr	220

t_gamelog	221
t_gamelogs	222
t_ptpass	223
t_ptreb	224
t_ptshots	226
t_vs_p	227
t_yby_stats	229
update_mbb_db	230
update_nba_db	231
winprobabilitypbp	232
year_to_season	233

Index	234
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allplayers	Get NBA Stats API All Players
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Description

Get NBA Stats API All Players

Get NBA Stats API All Players

Usage

```
nba_commonallplayers(
  is_only_current_season = 0,
  league_id = "00",
  season = "2020-21"
)
```

Arguments

is_only_current_season	is_only_current_season
league_id	league_id
season	season

Value

Return a named list of data frames: CommonAllPlayers

Author(s)

Saiem Gilani

alltime

Get NBA Stats API All-time Leaders Grid

Description

Get NBA Stats API All-time Leaders Grid

Get NBA Stats API All-time Leaders Grid

Usage

```
nba_alltimeleadersgrids(
  league_id = "00",
  per_mode = "PerGame",
  season_type = "Regular Season",
  top_x = 10
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season_type	Season Type - Regular Season, Playoffs, All-Star
top_x	Top X

Value

Returns a named list of data frames: ASTLeaders, BLKLeaders, DREBLeaders, FG3ALeaders, FG3MLeaders, FG3_PCTLeaders, FGALeaders, FGMLeaders, FG_PCTLeaders, FTALeaders, FTMLeaders, FT_PCTLeaders, GPLeaders, OREBLeaders, PFLeaders, PTSLeaders, REBLeaders, STLLeaders, TOVLeaders

Author(s)

Saiem Gilani

assists

Get NBA Stats API Assist Leaders

Description

Get NBA Stats API Assist Leaders

Get NBA Stats API Assist Leaders

Usage

```
nba_assistleaders(  
  league_id = "00",  
  per_mode = "PerGame",  
  player_or_team = "Team",  
  season = "2020-21",  
  season_type = "Regular Season"  
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
player_or_team	Player or Team
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Returns a named list of data frames: AssistLeaders

Author(s)

Saiem Gilani

assist_tracker

Get NBA Stats API Assist Tracker

Description

Get NBA Stats API Assist Tracker

Get NBA Stats API Assist Tracker

Usage

```
nba_assisttracker(  
  league_id = "00",  
  per_mode = "PerGame",  
  season = "2020-21",  
  season_type = "Regular Season"  
)
```


Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Returns a named list of data frames: AssistTracker

Author(s)

Saiem Gilani

 bs_adv2

Get NBA Stats API Boxscore Advanced V2

Description

Get NBA Stats API Boxscore Advanced V2

Get NBA Stats API Boxscore Advanced V2

Usage

```
nba_boxscoreadvancedv2(
  game_id,
  start_period = 0,
  end_period = 14,
  start_range = 0,
  end_range = 0,
  range_type = 0
)
```

Arguments

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

Value

Returns a named list of data frames: PlayerStats, TeamStats

Author(s)

Saiem Gilani

`bs_defensive`**Get NBA Stats API Boxscore Defensive**

Description**Get NBA Stats API Boxscore Defensive****Get NBA Stats API Boxscore Defensive****Usage**`nba_boxscoredefensive(game_id)`**Arguments**`game_id` Game ID**Value**

Returns a named list of data frames: PlayerDefensiveStats, Table1

Author(s)

Saiem Gilani

`bs_ffv2`**Get NBA Stats API Boxscore Four Factors V2**

Description**Get NBA Stats API Boxscore Four Factors V2****Get NBA Stats API Boxscore Four Factors V2****Usage**

```
nba_boxscorefourfactorsv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

Arguments

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

Value

Returns a named list of data frames: sqlPlayersFourFactors, sqlTeamFourFactors

Author(s)

Saiem Gilani

bs_match

Get NBA Stats API Boxscore Matchups

Description

Get NBA Stats API Boxscore Matchups
Get NBA Stats API Boxscore Matchups

Usage

nba_boxscorematchups(game_id)

Arguments

game_id	Game ID
---------	---------

Value

Returns a named list of data frames: PlayerMatchupsStats

Author(s)

Saiem Gilani

`bs_miscv2`**Get NBA Stats API Boxscore Misc V2**

Description**Get NBA Stats API Boxscore Misc V2****Get NBA Stats API Boxscore Misc V2****Usage**

```
nba_boxscoremiscv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

Arguments

<code>game_id</code>	Game ID
<code>start_period</code>	<code>start_period</code>
<code>end_period</code>	<code>end_period</code>
<code>start_range</code>	<code>start_range</code>
<code>end_range</code>	<code>end_range</code>
<code>range_type</code>	<code>range_type</code>

Value

Returns a named list of data frames: `sqlPlayersMisc`, `sqlTeamsMisc`

Author(s)

Saiem Gilani

`bs_pt_v2`**Get NBA Stats API Boxscore Player Tracking V2**

Description**Get NBA Stats API Boxscore Player Tracking V2****Get NBA Stats API Boxscore Player Tracking V2****Usage**`nba_boxscoreplayertrackv2(game_id)`**Arguments**`game_id` Game ID**Value**

Returns a named list of data frames: PlayerStats, TeamStats

Author(s)

Saiem Gilani

`bs_scoringv2`**Get NBA Stats API Boxscore Scoring V2**

Description**Get NBA Stats API Boxscore Scoring V2****Get NBA Stats API Boxscore Scoring V2****Usage**

```
nba_boxscorescoringv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

Arguments

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

Value

Returns a named list of data frames: sqlPlayersScoring, sqlTeamsScoring

Author(s)

Saiem Gilani

 bs_similarity

 Get NBA Stats API Boxscore Similarity Score

Description

Get NBA Stats API Boxscore Similarity Score

Get NBA Stats API Boxscore Similarity Score

Usage

```
nba_boxscoresimilarityscore(
  person_1_id,
  person_1_league_id,
  person_1_season,
  person_1_season_type,
  person_2_id,
  person_2_league_id,
  person_2_season,
  person_2_season_type
)
```

Arguments

person_1_id	person_1_id
person_1_league_id	person_1_league_id
person_1_season	person_1_season

```
person_1_season_type
    person_1_season_type
person_2_id      person_2_id
person_2_league_id
    person_2_league_id
person_2_season
    person_2_season
person_2_season_type
    person_2_season_type
```

Value

Returns a named list of data frames: BoxScoreSimilarityScores

Author(s)

Saiem Gilani

bs_summaryv2

Get NBA Stats API Boxscore Summary V2

Description

Get NBA Stats API Boxscore Summary V2

Get NBA Stats API Boxscore Summary V2

Usage

```
nba_boxscoresummaryv2(game_id)
```

Arguments

game_id Game ID

Value

Returns a named list of data frames: AvailableVideo, GameInfo, GameSummary, InactivePlayers, LastMeeting, LineScore, Officials, OtherStats, SeasonSeries

Author(s)

Saiem Gilani

bs_tradv2

Get NBA Stats API Boxscore Traditional V2

Description

Get NBA Stats API Boxscore Traditional V2

Get NBA Stats API Boxscore Traditional V2

Usage

```
nba_boxscoretraditionalv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

Arguments

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

Value

A list of data frames: PlayerStats, TeamStarterBenchStats, TeamStats

Author(s)

Saiem Gilani

bs_usagev2

Get NBA Stats API Boxscore Usage V2

Description

Get NBA Stats API Boxscore Usage V2

Get NBA Stats API Boxscore Usage V2

Usage

```
nba_boxscoreusagev2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

Arguments

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

Value

Returns a named list of data frames: sqlPlayersUsage, sqlTeamsUsage

Author(s)

Saiem Gilani

check_status *Check Status function*

Description

Check Status function

Usage

check_status(res)

Arguments

res Response from API

clean_team_names_NCAA_merge
*Clean KenPom Data Frame Team Names to match NCAA Team Names
for easier merging*

Description

Clean KenPom Data Frame Team Names to match NCAA Team Names for easier merging

Usage

clean_team_names_NCAA_merge(df)

Arguments

df KenPom dataframe

commonplayerinfo	Get NBA Stats API Player Info
------------------	--------------------------------------

Description**Get NBA Stats API Player Info****Get NBA Stats API Player Info****Usage**

```
nba_commonplayerinfo(league_id = "00", player_id = "2544")
```

Arguments

league_id league_id

player_id player_id

Value

Return a named list of data frames: AvailableSeasons

Author(s)

Saiem Gilani

commonplayoffseries	Get NBA Stats API Playoff Series
---------------------	---

Description**Get NBA Stats API Playoff Series****Get NBA Stats API Playoff Series****Usage**

```
nba_commonplayoffseries(league_id = "00", season = "2020-21", series_id = "")
```

Arguments

league_id league_id

season season

series_id series_id

Value

Return a named list of data frames: PlayoffSeries

Author(s)

Saiem Gilani

commonteamroster

Get NBA Stats API Team Roster

Description

Get NBA Stats API Team Roster

Get NBA Stats API Team Roster

Usage

```
nba_commonteamroster(  
  league_id = "00",  
  season = "2020-21",  
  team_id = "1610612739"  
)
```

Arguments

league_id	league_id
season	season
team_id	team_id

Value

Return a named list of data frames: Coaches, CommonTeamRoster

Author(s)

Saiem Gilani

 csv_from_url

Load .csv / .csv.gz file from a remote connection

Description

This is a thin wrapper on `data.table::fread`

Usage

```
csv_from_url(...)
```

Arguments

...

Arguments passed on to `data.table::fread`

input A single character string. The value is inspected and deferred to either `file=` (if no `\n` present), `text=` (if at least one `\n` is present) or `cmd=` (if no `\n` is present, at least one space is present, and it isn't a file name). Exactly one of `input=`, `file=`, `text=`, or `cmd=` should be used in the same call.

file File name in working directory, path to file (passed through `path.expand` for convenience), or a URL starting `http://`, `file://`, etc. Compressed files with extension `'.gz'` and `'.bz2'` are supported if the `R.utils` package is installed.

text The input data itself as a character vector of one or more lines, for example as returned by `readLines()`.

cmd A shell command that pre-processes the file; e.g. `fread(cmd=paste("grep", word, "filename"))`. See Details.

sep The separator between columns. Defaults to the character in the set `[\t | ; :]` that separates the sample of rows into the most number of lines with the same number of fields. Use `NULL` or `""` to specify no separator; i.e. each line a single character column like `base::readLines` does.

sep2 The separator *within* columns. A list column will be returned where each cell is a vector of values. This is much faster using less working memory than `strsplit` afterwards or similar techniques. For each column `sep2` can be different and is the first character in the same set above `[\t | ; :]`, other than `sep`, that exists inside each field outside quoted regions in the sample. NB: `sep2` is not yet implemented.

nrows The maximum number of rows to read. Unlike `read.table`, you do not need to set this to an estimate of the number of rows in the file for better speed because that is already automatically determined by `fread` almost instantly using the large sample of lines. `nrows=0` returns the column names and typed empty columns determined by the large sample; useful for a dry run of a large file or to quickly check format consistency of a set of files before starting to read any of them.

header Does the first data line contain column names? Defaults according to whether every non-empty field on the first data line is type character. If so, or `TRUE` is supplied, any empty column names are given a default name.

- `na.strings` A character vector of strings which are to be interpreted as NA values. By default, ",," for columns of all types, including type character is read as NA for consistency. ",," is unambiguous and read as an empty string. To read ,NA, as NA, set `na.strings="NA"`. To read , , as blank string "", set `na.strings=NULL`. When they occur in the file, the strings in `na.strings` should not appear quoted since that is how the string literal , "NA", is distinguished from ,NA,, for example, when `na.strings="NA"`.
- `stringsAsFactors` Convert all character columns to factors?
- `verbose` Be chatty and report timings?
- `skip` If 0 (default) start on the first line and from there finds the first row with a consistent number of columns. This automatically avoids irregular header information before the column names row. `skip>0` means ignore the first `skip` rows manually. `skip="string"` searches for "string" in the file (e.g. a substring of the column names row) and starts on that line (inspired by `read.xls` in package `gdata`).
- `select` A vector of column names or numbers to keep, drop the rest. `select` may specify types too in the same way as `colClasses`; i.e., a vector of `colname=type` pairs, or a list of `type=col(s)` pairs. In all forms of `select`, the order that the columns are specified determines the order of the columns in the result.
- `drop` Vector of column names or numbers to drop, keep the rest.
- `colClasses` As in `utils::read.csv`; i.e., an unnamed vector of types corresponding to the columns in the file, or a named vector specifying types for a subset of the columns by name. The default, `NULL` means types are inferred from the data in the file. Further, `data.table` supports a named list of vectors of column names *or numbers* where the list names are the class names; see examples. The list form makes it easier to set a batch of columns to be a particular class. When column numbers are used in the list form, they refer to the column number in the file not the column number after `select` or `drop` has been applied. If type coercion results in an error, introduces NAs, or would result in loss of accuracy, the coercion attempt is aborted for that column with warning and the column's type is left unchanged. If you really desire data loss (e.g. reading 3.14 as integer) you have to truncate such columns afterwards yourself explicitly so that this is clear to future readers of your code.
- `integer64` "integer64" (default) reads columns detected as containing integers larger than 2^{31} as type `bit64::integer64`. Alternatively, "double"|"numeric" reads as `utils::read.csv` does; i.e., possibly with loss of precision and if so silently. Or, "character".
- `dec` The decimal separator as in `utils::read.csv`. If not "." (default) then usually ",",. See details.
- `col.names` A vector of optional names for the variables (columns). The default is to use the header column if present or detected, or if not "V" followed by the column number. This is applied after `check.names` and before `key` and `index`.
- `check.names` default is `FALSE`. If `TRUE` then the names of the variables in the `data.table` are checked to ensure that they are syntactically valid variable

- names. If necessary they are adjusted (by `make.names`) so that they are, and also to ensure that there are no duplicates.
- encoding default is "unknown". Other possible options are "UTF-8" and "Latin-1".
Note: it is not used to re-encode the input, rather enables handling of encoded strings in their native encoding.
- quote By default ("\""), if a field starts with a double quote, `fread` handles embedded quotes robustly as explained under `Details`. If it fails, then another attempt is made to read the field *as is*, i.e., as if quotes are disabled. By setting `quote=""`, the field is always read as if quotes are disabled. It is not expected to ever need to pass anything other than "\" to `quote`; i.e., to turn it off.
- strip.white default is TRUE. Strips leading and trailing whitespaces of unquoted fields. If FALSE, only header trailing spaces are removed.
- fill logical (default is FALSE). If TRUE then in case the rows have unequal length, blank fields are implicitly filled.
- blank.lines.skip logical, default is FALSE. If TRUE blank lines in the input are ignored.
- key Character vector of one or more column names which is passed to `setkey`. It may be a single comma separated string such as `key="x,y,z"`, or a vector of names such as `key=c("x","y","z")`. Only valid when argument `data.table=TRUE`. Where applicable, this should refer to column names given in `col.names`.
- index Character vector or list of character vectors of one or more column names which is passed to `setindexv`. As with `key`, comma-separated notation like `index="x,y,z"` is accepted for convenience. Only valid when argument `data.table=TRUE`. Where applicable, this should refer to column names given in `col.names`.
- showProgress TRUE displays progress on the console if the ETA is greater than 3 seconds. It is produced in `fread`'s C code where the very nice (but R level) `txtProgressBar` and `tkProgressBar` are not easily available.
- data.table TRUE returns a `data.table`. FALSE returns a `data.frame`. The default for this argument can be changed with `options(datatable.fread.datatable=FALSE)`.
- nThread The number of threads to use. Experiment to see what works best for your data on your hardware.
- logical01 If TRUE a column containing only 0s and 1s will be read as logical, otherwise as integer.
- keepLeadingZeros If TRUE a column containing numeric data with leading zeros will be read as character, otherwise leading zeros will be removed and converted to numeric.
- yaml If TRUE, `fread` will attempt to parse (using `yaml.load`) the top of the input as YAML, and further to glean parameters relevant to improving the performance of `fread` on the data itself. The entire YAML section is returned as parsed into a list in the `yaml_metadata` attribute. See `Details`.
- autostart Deprecated and ignored with warning. Please use `skip` instead.
- tmpdir Directory to use as the `tmpdir` argument for any `tempfile` calls, e.g. when the input is a URL or a shell command. The default is `tempdir()`

which can be controlled by setting TMPDIR before starting the R session; see `base::tempdir`.

`tz` Relevant to datetime values which have no Z or UTC-offset at the end, i.e. *unmarked* datetime, as written by `utils::write.csv`. The default `tz="UTC"` reads unmarked datetime as UTC POSIXct efficiently. `tz=""` reads unmarked datetime as type character (slowly) so that `as.POSIXct` can interpret (slowly) the character datetimes in local timezone; e.g. by using `"POSIXct"` in `colClasses=`. Note that `fwrite()` by default writes datetime in UTC including the final Z and therefore `fwrite`'s output will be read by `fread` consistently and quickly without needing to use `tz=` or `colClasses=`. If the TZ environment variable is set to "UTC" (or "" on non-Windows where unset vs "" is significant) then the R session's timezone is already UTC and `tz=""` will result in unmarked datetimes being read as UTC POSIXct. For more information, please see the news items from v1.13.0 and v1.14.0.

Value

a dataframe as created by `data.table::fread()`

cumestatsplayer

Get NBA Stats API Cumulative Player Stats

Description

Get NBA Stats API Cumulative Player Stats

Get NBA Stats API Cumulative Player Stats

Usage

```
nba_cumestatsplayer(
  game_ids = "0022000756",
  league_id = "00",
  player_id = "1629611",
  season = "2020-21",
  season_type = "Regular Season",
  team_id = ""
)
```

Arguments

<code>game_ids</code>	<code>game_ids</code>
<code>league_id</code>	<code>league_id</code>
<code>player_id</code>	<code>player_id</code>
<code>season</code>	<code>season</code>
<code>season_type</code>	<code>season_type</code>
<code>team_id</code>	<code>team_id</code>

Value

Return a named list of data frames: GameByGameStats, TotalPlayerStats

Author(s)

Saiem Gilani

cumestatsplayergames **Get NBA Stats API Cumulative Player Game Stats**

Description

Get NBA Stats API Cumulative Player Game Stats

Get NBA Stats API Cumulative Player Game Stats

Usage

```
nba_cumestatsplayergames(  
  league_id = "00",  
  location = "",  
  outcome = "",  
  player_id = "2544",  
  season = "2020-21",  
  season_type = "Regular Season",  
  vs_conference = "",  
  vs_division = "",  
  vs_team_id = ""  
)
```

Arguments

league_id	league_id
location	location
outcome	outcome
player_id	player_id
season	season
season_type	season_type
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id

Value

Returns a named list of data frames: CumeStatsPlayerGames

Author(s)

Saiem Gilani

`cumestatsteam`**Get NBA Stats API Cumulative Team Stats**

Description**Get NBA Stats API Cumulative Team Stats****Get NBA Stats API Cumulative Team Stats****Usage**

```
nba_cumestatsteam(  
  game_ids = "0022000756",  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  team_id = ""  
)
```

Arguments

<code>game_ids</code>	<code>game_ids</code>
<code>league_id</code>	<code>league_id</code>
<code>season</code>	<code>season</code>
<code>season_type</code>	<code>season_type</code>
<code>team_id</code>	<code>team_id</code>

ValueReturns a named list of data frames: `GameByGameStats`, `TotalTeamStats`**Author(s)**

Saiem Gilani

cumestatsteamgames Get NBA Stats API Cumulative Team Game Stats

Description**Get NBA Stats API Cumulative Team Game Stats****Get NBA Stats API Cumulative Team Game Stats****Usage**

```
nba_cumestatsteamgames(  
  league_id = "00",  
  location = "",  
  outcome = "",  
  season = "2020-21",  
  season_id = "",  
  season_type = "Regular Season",  
  team_id = 1610612739,  
  vs_conference = "",  
  vs_division = "",  
  vs_team_id = ""  
)
```

Arguments

league_id	league_id
location	location
outcome	outcome
season	season
season_id	season_id
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id

Value

Returns a named list of data frames: CumeStatsTeamGames

Author(s)

Saiem Gilani

dboard

Get NBA Stats API Draft Board

Description

Get NBA Stats API Draft Board

Get NBA Stats API Draft Board

Usage

```
nba_draftboard(  
  league_id = "00",  
  college = "",  
  overall_pick = "",  
  round_pick = "",  
  round_num = "",  
  season = "2019",  
  team_id = "",  
  top_x = ""  
)
```

Arguments

league_id	league_id
college	college
overall_pick	overall_pick
round_pick	round_pick
round_num	round_num
season	season
team_id	team_id
top_x	top_x

Value

Returns a named list of data frames: DraftBoard

Author(s)

Saiem Gilani

dcombine_anthro	Get NBA Stats API Draft Combine Player Anthropological Measurements
-----------------	--

Description

Get NBA Stats API Draft Combine Player Anthropological Measurements
Get NBA Stats API Draft Combine Player Anthropological Measurements

Usage

```
nba_draftcombineplayeranthro(league_id = "00", season_year = "2020")
```

Arguments

league_id	league_id
season_year	season_year

Value

Returns a named list of data frames: Results

Author(s)

Saiem Gilani

dcombine_drill	Get NBA Stats API Draft Combine Drill Results
----------------	--

Description

Get NBA Stats API Draft Combine Drill Results
Get NBA Stats API Draft Combine Drill Results

Usage

```
nba_draftcombinedrillresults(league_id = "00", season_year = "2020")
```

Arguments

league_id	league_id
season_year	season_year

Value

Returns a named list of data frames: Results

Author(s)

Saiem Gilani

dcombine_nsshooting Get NBA Stats API Draft Combine Non-Stationary Shooting

Description**Get NBA Stats API Draft Combine Non-Stationary Shooting****Get NBA Stats API Draft Combine Non-Stationary Shooting****Usage**

```
nba_draftcombinenonstationaryshooting(league_id = "00", season_year = "2020")
```

Arguments

league_id	league_id
season_year	season_year

Value

Returns a named list of data frames: Results

Author(s)

Saiem Gilani

dcombine_sshooting Get NBA Stats API Draft Combine - Spot Shooting

Description**Get NBA Stats API Draft Combine - Spot Shooting****Get NBA Stats API Draft Combine - Spot Shooting****Usage**

```
nba_draftcombinespotshooting(league_id = "00", season_year = "2020")
```

Arguments

league_id	league_id
season_year	season_year

Value

Returns a named list of data frames: Results

Author(s)

Saiem Gilani

dcombine_stats	Get NBA Stats API Draft Combine Stats
----------------	--

Description

Get NBA Stats API Draft Combine Stats

Get NBA Stats API Draft Combine Stats

Usage

```
nba_draftcombinestats(league_id = "00", season_year = "2020")
```

Arguments

league_id	league_id
season_year	season_year

Value

Returns a named list of data frames: DraftCombineStats

Author(s)

Saiem Gilani

defensehub	Get NBA Stats API Defense Hub
------------	--------------------------------------

Description

Get NBA Stats API Defense Hub

Get NBA Stats API Defense Hub

Usage

```
nba_defensehub(
  league_id = "00",
  game_scope = "Season",
  player_or_team = "Team",
  player_scope = "All Players",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, ,Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs

Value

Returns a named list of data frames: DefenseHubStat1, DefenseHubStat10, DefenseHubStat2, DefenseHubStat3, DefenseHubStat4, DefenseHubStat5, DefenseHubStat6, DefenseHubStat7, DefenseHubStat8, DefenseHubStat9

Author(s)

Saiem Gilani

espn_mbb_betting	<i>Get ESPN MBB's Betting information</i>
------------------	---

Description

Get ESPN MBB's Betting information

Usage

```
espn_mbb_betting(game_id)
```

Arguments

game_id	Game ID
---------	---------

Value

Returns a named list of data frames: pickcenter, againstTheSpread, predictor_df

Examples

```
try(espn_mbb_betting(game_id = 401256760))
```

espn_mbb_conferences *Get ESPN conference names and ids*

Description

Get ESPN conference names and ids

Usage

```
espn_mbb_conferences()
```

Value

A conferences data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_mbb_conferences())
```

espn_mbb_game_all *Get ESPN men's college basketball data (Pbp, Team and Player Box)*

Description

Get ESPN men's college basketball data (Pbp, Team and Player Box)

Usage

```
espn_mbb_game_all(game_id)
```

Arguments

game_id Game ID

Value

A named list of data frames: Plays, Team, Player

Author(s)

Saiem Gilani

Examples

```
try(espn_mbb_game_all(game_id = 401256760))
```

espn_mbb_pbp

Get ESPN men's college basketball PBP data

Description

Get ESPN men's college basketball PBP data

Usage

```
espn_mbb_pbp(game_id)
```

Arguments

game_id Game ID

Value

A play-by-play data frame.

Author(s)

Saiem Gilani

Examples

```
try(espn_mbb_pbp(game_id = 401256760))
```

espn_mbb_player_box *Get ESPN men's college basketball player box scores*

Description

Get ESPN men's college basketball player box scores

Usage

```
espn_mbb_player_box(game_id)
```

Arguments

game_id Game ID

Value

A player boxscore data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_mbb_player_box(game_id = 401256760))
```

espn_mbb_rankings *Get men's college basketball AP and Coaches Poll rankings from ESPN*

Description

Get men's college basketball AP and Coaches Poll rankings from ESPN

Usage

```
espn_mbb_rankings()
```

Value

Returns a tibble

Author(s)

Saiem Gilani

Examples

```
# Get current AP and Coaches Poll rankings  
try(espn_mbb_rankings())
```

espn_mbb_scoreboard *Get ESPN men's college basketball schedule for a specific year*

Description

Get ESPN men's college basketball schedule for a specific year

Usage

```
espn_mbb_scoreboard(season)
```

Arguments

season Either numeric or character

Value

Returns a tibble

Examples

```
# Get schedule from date 2021-02-15  
try(espn_mbb_scoreboard (season = "20210215"))
```

espn_mbb_standings *Get ESPN men's college basketball standings*

Description

Get ESPN men's college basketball standings

Usage

```
espn_mbb_standings(year)
```

Arguments

year Either numeric or character (YYYY)

Value

A standings data frame

Examples

```
try(espn_mbb_standings(2021))
```

espn_mbb_teams *Get ESPN men's college basketball team names and ids*

Description

Get ESPN men's college basketball team names and ids

Usage

```
espn_mbb_teams()
```

Value

A teams data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_mbb_teams())
```

espn_mbb_team_box *Get ESPN men's college basketball team box scores*

Description

Get ESPN men's college basketball team box scores

Usage

```
espn_mbb_team_box(game_id)
```

Arguments

game_id Game ID

Value

A team boxscore data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_mbb_team_box(game_id = 401256760))
```

espn_nba_betting *Get ESPN NBA's Betting information*

Description

Get ESPN NBA's Betting information

Usage

```
espn_nba_betting(game_id)
```

Arguments

game_id Game ID

Value

Returns a named list of data frames: pickcenter, againstTheSpread, predictor_df

Examples

```
try(espn_nba_betting(game_id = 401283399))
```

espn_nba_game_all	<i>Get ESPN NBA game data (Pbp, Team and Player Box)</i>
-------------------	--

Description

Get ESPN NBA game data (Pbp, Team and Player Box)

Usage

```
espn_nba_game_all(game_id)
```

Arguments

game_id	Game ID
---------	---------

Value

A named list of data frames: Plays, Team, Player

Author(s)

Saiem Gilani

Examples

```
try(espn_nba_game_all(game_id = 401283399))
```

espn_nba_pbp	<i>Get ESPN NBA PBP data</i>
--------------	------------------------------

Description

Get ESPN NBA PBP data

Usage

```
espn_nba_pbp(game_id)
```

Arguments

game_id Game ID

Value

A play-by-play data frame.

Author(s)

Saiem Gilani

Examples

```
try(espn_nba_pbp(game_id = 401283399))
```

espn_nba_player_box *Get ESPN NBA player box scores*

Description

Get ESPN NBA player box scores

Usage

```
espn_nba_player_box(game_id)
```

Arguments

game_id Game ID

Value

A player boxscore data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_nba_player_box(game_id = 401283399))
```

espn_nba_scoreboard *Get ESPN men's NBA schedule for a specific year*

Description

Get ESPN men's NBA schedule for a specific year

Usage

```
espn_nba_scoreboard(season)
```

Arguments

season Either numeric or character (YYYYMMDD)

Value

Returns a tibble

Examples

```
# Get schedule from date 2021-02-15 (returns 1000 results, max allowable.)  
try(espn_nba_scoreboard (season = "20210215"))
```

espn_nba_standings *Get ESPN NBA's Standings*

Description

Get ESPN NBA's Standings

Usage

```
espn_nba_standings(year)
```

Arguments

year Either numeric or character (YYYY)

Value

A standings data frame

Examples

```
try(espn_nba_standings(year = 2021))
```

espn_nba_teams	<i>Get ESPN NBA team names and ids</i>
----------------	--

Description

Get ESPN NBA team names and ids

Usage

```
espn_nba_teams()
```

Value

A teams data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_nba_teams())
```

espn_nba_team_box	<i>Get ESPN NBA team box scores</i>
-------------------	-------------------------------------

Description

Get ESPN NBA team box scores

Usage

```
espn_nba_team_box(game_id)
```

Arguments

game_id	Game ID
---------	---------

Value

A team boxscore data frame

Author(s)

Saiem Gilani

Examples

```
try(espn_nba_team_box(game_id = 401283399))
```

fantasywidget

Get NBA Stats API Fantasy Widget

Description

Get NBA Stats API Fantasy Widget

Get NBA Stats API Fantasy Widget

Usage

```
nba_fantasywidget(  
  active_players = "N",  
  date_from = "",  
  date_to = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  month = "",  
  opponent_team_id = "",  
  po_round = "",  
  player_id = "",  
  position = "",  
  season = "2019-20",  
  season_segment = "",  
  season_type = "Regular Season",  
  team_id = "",  
  todays_opponent = 0,  
  todays_players = "N",  
  vs_conference = "",  
  vs_division = ""  
)
```

Arguments

active_players	active_players
date_from	date_from date_from
date_to	date_to date_to
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
po_round	po_round
player_id	player_id
position	position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
today's_opponent	today's_opponent
today's_players	today's_players
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: FantasyWidgetResult

Author(s)

Saiem Gilani

franchisehistory

Get NBA Stats API Franchise History

Description

Get NBA Stats API Franchise History

Get NBA Stats API Franchise History

Usage

```
nba_franchisehistory(league_id = "00")
```

Arguments

league_id league_id

Value

Returns a named list of data frames: DefunctTeams, FranchiseHistory

Author(s)

Saiem Gilani

franchiseleaders **Get NBA Stats API Franchise Leaders**

Description

Get NBA Stats API Franchise Leaders

Get NBA Stats API Franchise Leaders

Usage

```
nba_franchiseleaders(league_id = "00", team_id = "1610612739")
```

Arguments

league_id league_id

team_id team_id

Value

Returns a named list of data frames: FranchiseLeaders

Author(s)

Saiem Gilani

franchiseplayers	Get NBA Stats API Franchise Players
------------------	--

Description**Get NBA Stats API Franchise Players****Get NBA Stats API Franchise Players****Usage**

```
nba_franchiseplayers(
  league_id = "00",
  per_mode = "Totals",
  season_type = "Regular Season",
  team_id = "1610612739"
)
```

Arguments

league_id	league_id
per_mode	per_mode
season_type	season_type
team_id	team_id

Value

Returns a named list of data frames: FranchisePlayers

Author(s)

Saiem Gilani

gl_bs_similarity	Get NBA Stats API G-League Alum Boxscore Similarity Score
------------------	--

Description**Get NBA Stats API G-League Alum Boxscore Similarity Score****Get NBA Stats API G-League Alum Boxscore Similarity Score**

Usage

```
nba_glalumboxscoresimilarityscore(  
  person_1_id,  
  person_1_league_id,  
  person_1_season,  
  person_1_season_type,  
  person_2_id,  
  person_2_league_id,  
  person_2_season,  
  person_2_season_type  
)
```

Arguments

```
person_1_id    person_1_id  
person_1_league_id  
               person_1_league_id  
person_1_season  
               person_1_season  
person_1_season_type  
               person_1_season_type  
person_2_id    person_2_id  
person_2_league_id  
               person_2_league_id  
person_2_season  
               person_2_season  
person_2_season_type  
               person_2_season_type
```

Value

Returns a named list of data frames: GLeagueAlumBoxScoreSimilarityScores

Author(s)

Saiem Gilani

homepageleaders

Get NBA Stats API Homepage Leaders

Description

Get NBA Stats API Homepage Leaders

Get NBA Stats API Homepage Leaders

Usage

```
nba_homepageleaders(
  league_id = "00",
  game_scope = "Season",
  player_or_team = "Team",
  player_scope = "All Players",
  season = "2020-21",
  season_type = "Regular Season",
  stat_category = "Points"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat_category	Stat Category: Points, Rebounds, Assists, Defense, Clutch, Playmaking, Efficiency, Fast Break, Scoring Breakdown

Value

Returns a named list of data frames: HomePageLeaders, LeagueAverage, LeagueMax

Author(s)

Saiem Gilani

homepagev2

Get NBA Stats API HomepageV2 Leaders

Description

Get NBA Stats API HomepageV2 Leaders

Get NBA Stats API HomepageV2 Leaders

Usage

```
nba_homepagev2(
  league_id = "00",
  game_scope = "Season",
  player_or_team = "Team",
  player_scope = "All Players",
  season = "2020-21",
  season_type = "Regular Season",
  stat_type = "Traditional"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat_type	Stat Type - Traditional, Advanced, Tracking

Value

Returns a named list of data frames: HomePageStat1, HomePageStat2, HomePageStat3, HomePageStat4, HomePageStat5, HomePageStat6, HomePageStat7, HomePageStat8

Author(s)

Saiem Gilani

 hustle_bs

 Get NBA Stats API Hustle Stats Boxscore

Description

Get NBA Stats API Hustle Stats Boxscore
Get NBA Stats API Hustle Stats Boxscore

Usage

```
nba_hustlestatsboxscore(game_id)
```

Arguments

game_id	Game ID
---------	---------

Value

Returns a named list of data frames: HustleStatsAvailable, PlayerStats, TeamStats

Author(s)

Saiem Gilani

hustle_p

Get NBA Stats API League Hustle Stats Player

Description

Get NBA Stats API League Hustle Stats Player

Get NBA Stats API League Hustle Stats Player

Usage

```
nba_leaguehustlestatsplayer(  
  college = "",  
  conference = "",  
  country = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  draft_pick = "",  
  draft_year = "",  
  height = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  po_round = "",  
  per_mode = "Totals",  
  player_experience = "",  
  player_position = "",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  team_id = "",  
  vs_conference = "",  
  vs_division = "",  
  weight = ""  
)
```

Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: HustleStatsPlayer

Author(s)

Saiem Gilani

hustle_pl

Get NBA Stats API League Hustle Stats Player Leaders

Description

Get NBA Stats API League Hustle Stats Player Leaders

Get NBA Stats API League Hustle Stats Player Leaders

Usage

```
nba_leaguehustlestatsplayerleaders(  
  college = "",  
  conference = "",  
  country = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  draft_pick = "",  
  draft_year = "",  
  height = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  po_round = "",  
  per_mode = "Totals",  
  player_experience = "",  
  player_position = "",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  team_id = "",  
  vs_conference = "",  
  vs_division = "",  
  weight = ""  
)
```

Arguments

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: PlayerChargesDrawnLeaders, PlayerContestedShotsLeaders, PlayerDeflectionsLeaders, PlayerLooseBallLeaders, PlayerScreenAssistLeaders, Table5

Author(s)

Saiem Gilani

hustle_t

Get NBA Stats API League Hustle Stats Team**Description****Get NBA Stats API League Hustle Stats Team****Get NBA Stats API League Hustle Stats Team****Usage**

```

nba_leaguehustlestatsteam(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: HustleStatsTeam

Author(s)

Saiem Gilani

hustle_tl

Get NBA Stats API League Hustle Stats Team Leaders**Description****Get NBA Stats API League Hustle Stats Team Leaders****Get NBA Stats API League Hustle Stats Team Leaders****Usage**

```

nba_leaguehustlestatsteamleaders(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: Table5, Table6, TeamChargesDrawnLeaders, TeamContested-ShotsLeaders, TeamDeflectionsLeaders, TeamLooseBallLeaders, TeamScreenAssistLeaders

Author(s)

Saiem Gilani

kp_arenas

Get Home Court Arenas

Description

Get Home Court Arenas

Usage

```
kp_arenas(year = most_recent_mbb_season())
```

Arguments

year Year of data to pull

Value

A data frame with 6 columns:

Rk double.

Team character.

Conf character.

Arena character.

Alternate character.

Year double.

Examples

```
try(kp_arenas(year=2021))
```

kp_box

Get Game Box Score

Description

Get Game Box Score

Usage

```
kp_box(game_id, year)
```

Arguments

game_id Game id of game to pull
year Year of game to pull

Value

Returns a tibble of game box scores

Examples

```
try(kp_box(game_id = 6, year = 2021))
```

kp_coach_history *Get KenPom's coaching resume data*

Description

Get KenPom's coaching resume data

Usage

```
kp_coach_history(coach)
```

Arguments

coach Coach filter to select.

Value

A data frame with 30 columns:

Year double.

Team.Rk double.

Team character.

Coach character.

Conf character.

W-L character.

AdjT double.

AdjO double.

AdjD double.

Off.eFG.Pct double.

Off.TO.Pct double.

Off.OR.Pct double.
Off.FTRate double.
Off.FG_2.Pct double.
Off.FG_3.Pct double.
Off.FT.Pct double.
Off.FG_3A.Pct double.
Off.A.Pct double.
Off.APL double.
Def.eFG.Pct double.
Def.TO.Pct double.
Def.OR.Pct double.
Def.FTRate double.
Def.FG_2.Pct double.
Def.FG_3.Pct double.
Def.Blk.Pct double.
Def.FG_3A.Pct double.
Def.A.Pct double.
Def.AP double.
Foul2Partic.Pct double.

Examples

```
try(kp_coach_history(coach = 'Leonard Hamilton'))
```

kp_conf

Get KenPom's conference-wide stats

Description

Get KenPom's conference-wide stats

Usage

```
kp_conf(year, conf)
```

Arguments

year	Year (YYYY)
conf	Used to limit to players in a specific conference. Allowed values are: 'A10', 'ACC', 'AE', 'AMER', 'ASUN', 'B10', 'B12', 'BE', 'BSKY', 'BSTH', 'BW', 'CAA', 'CUSA', 'HORZ', 'IND', 'IVY', 'MAAC', 'MAC', 'MEAC', 'MVC', 'MWC', 'NEC', 'OVC', 'P12', 'PAT', 'SB', 'SC', 'SEC', 'SLND', 'SUM', 'SWAC', 'WAC', 'WCC'. If you try to use a conference that doesn't exist for a given season, like 'IND' and '2018', you'll get an empty table, as kenpom.com doesn't serve 404 pages for invalid table queries like that. No filter applied by default.

Value

A list of 7 dataframes accessible via [[1]], [[2]], ..., [[7]]

First data frame, accessible via [[1]]

A data frame with 15 columns:

Team character.

Overall character.

Conf character.

AdjEM double.

AdjEM.Rk double.

AdjO double.

AdjO.Rk double.

AdjD double.

AdjD.Rk double.

AdjT double.

AdjT.Rk double.

ConfSOS double.

ConfSOS.Rk double.

NextGame character.

Year character.

Second data frame, accessible via [[2]]

A data frame with 20 columns:

Team character.

OE double.

OE.Rk double.

eFG.Pct double.

eFG.Pct.Rk double.
TO.Pct double.
TO.Pct.Rk double.
OR.Pct double.
OR.Pct.Rk double.
FTR double.
FTR.Rk double.
FG2.Pct double.
FG2.Pct.Rk double.
FG3.Pct double.
FG3.Pct.Rk double.
FT.Pct double.
FT.Pct.Rk double.
Tempo double.
Tempo.Rk double.
Year character.

Third data frame, accessible via [[3]]

A data frame with 20 columns:

Team character.
DE double.
DE.Rk double.
eFG.Pct double.
eFG.Pct.Rk double.
TO.Pct double.
TO.Pct.Rk double.
OR.Pct double.
OR.Pct.Rk double.
FTR double.
FTR.Rk double.
FG2.Pct double.
FG2.Pct.Rk double.
FG3.Pct double.
FG3.Pct.Rk double.
Blk.Pct double.
Blk.Pct.Rk double.
St1.Pct double.
St1.Pct.Rk double.

Year character.

Fourth data frame, accessible via `[[4]]`
A data frame with 3 columns:

Rk integer.

Player character.

Year character.

Fifth data frame, accessible via `[[5]]`
A data frame with 4 columns:

Stat character.

Value double.

Rk double.

Year character.

Sixth data frame, accessible via `[[6]]`
A data frame with 5 columns:

Stat character.

Count character.

Value double.

Rk double.

Year character.

Seventh data frame, accessible via `[[7]]`
A data frame 4 columns:

Rk double.

Conference character.

Rating double.

Year character.

Examples

```
try(kp_conf(year = 2020, conf = 'ACC'))
```

kp_confhistory *Get KenPom's historical conference ratings*

Description

Get KenPom's historical conference ratings

Usage

kp_confhistory(conf)

Arguments

conf Used to limit to players in a specific conference.
 Allowed values are: 'A10', 'ACC', 'AE', 'AMER', 'ASUN', 'B10', 'B12', 'BE', 'BSKY', 'BSTH', 'BW', 'CAA', 'CUSA', 'HORZ', 'IND', 'IVY', 'MAAC', 'MAC', 'MEAC', 'MVC', 'MWC', 'NEC', 'OVC', 'P12', 'PAT', 'SB', 'SC', 'SEC', 'SLND', 'SUM', 'SWAC', 'WAC', 'WCC'.
 If you try to use a conference that doesn't exist for a given season, like 'IND' and '2018', you'll get an empty table, as kenpom.com doesn't serve 404 pages for invalid table queries like that. No filter applied by default.

Value

A data frame with 23 columns:

- Year- *integer*
- Rank- *character*
- Tempo- *double*
- Efficiency- *double*
- eFG.Pct- *double*
- T0.Pct- *double*
- OR.Pct- *double*
- FTR- *double*
- FG2.Pct- *double*
- FG3.Pct- *double*
- FT.Pct- *double*
- FG3A.Pct- *double*
- A.Pct- *double*
- Blk.Pct- *double*
- Stl.Pct- *double*
- HomeRecord- *character*

- Bids- *character*
- S16- *character*
- F4- *character*
- CH- *character*
- RegSeasonChamp- *character*
- TourneyChamp- *character*
- BestTeam- *character*

Examples

```
try(kp_confhistory(conf = 'ACC'))
```

kp_confstats

Get KenPom's conference comparison stats

Description

Get KenPom's conference comparison stats

Usage

```
kp_confstats(year = most_recent_mbb_season())
```

Arguments

year Year (YYYY)

Value

A data frame with 35 columns:

- Confcharacter.
- Effdouble.
- Eff.Rkdouble.
- Tempodouble.
- Tempo.Rkdouble.
- eFG.Pctdouble.
- eFG.Pct.Rkdouble.
- TO.Pctdouble.
- TO.Pct.Rkdouble.
- OR.Pctdouble.

- OR.Pct.Rkdouble.
- FTRatedouble.
- FTRate.Rkdouble.
- Blk.Pctdouble.
- Blk.Pct.Rkdouble.
- Stl.Pctdouble.
- Stl.Pct.Rkdouble.
- FG_2.Pctdouble.
- FG_2.Pct.Rkdouble.
- FG_3.Pctdouble.
- FG_3.Pct.Rkdouble.
- FT.Pctdouble.
- FT.Pct.Rkdouble.
- FG_3A.Pctdouble.
- FG_3A.Pct.Rkdouble.
- A.Pctdouble.
- A.Pct.Rkdouble.
- HomeWLcharacter.
- HomeWL.Pctdouble.
- HomeWL.Rkdouble.
- Closedouble.
- Close.Rkdouble.
- Blowoutsdouble.
- Blowouts.Rkdouble.
- Yearcharacter.

Examples

```
try(kp_confstats(year=most_recent_mbb_season()))
```


Value

A data frame 16 columns:

Prediction character.

Time(ET) character.

Location character.

ThrillScore double.

Comeback double.

Excitement double.

WinRk character.

WinTeam character.

WinScore double.

LossRk character.

LossTeam character.

LossScore double.

Poss double.

MVP character.

Event character.

Date character.

Examples

```
try(kp_fanmatch(date="2020-03-10"))
```

kp_foul_trouble

Get 2-Foul Participation Stats

Description

Get 2-Foul Participation Stats

Usage

```
kp_foul_trouble(min_year, max_year = most_recent_mbb_season())
```

Arguments

min_year First year of data to pull

max_year Last year of data to pull

Value

Returns a tibble of foul participation stats

Examples

```
try(kp_foul_trouble(min_year = 2020, max_year = most_recent_mbb_season()))
```

kp_fourfactors	<i>Get Four Factors Data</i>
----------------	------------------------------

Description

Get Four Factors Data

Usage

```
kp_fourfactors(min_year, max_year = most_recent_mbb_season())
```

Arguments

- min_year First year of data to pull
- max_year Last year of data to pull

Value

Returns a tibble of four factors ratings

Examples

```
try(kp_fourfactors(min_year = 2020, max_year = 2021))
```

`kp_gameplan`*Get KenPom's team game plan page*

Description

Get KenPom's team game plan page

Usage

```
kp_gameplan(team, year = 2021)
```

Arguments

<code>team</code>	Team filter to select.
<code>year</code>	Year of data to pull

Value

Returns a tibble of team game plans

Examples

```
try(kp_gameplan(team='Florida St.', year=2021))
```

`kp_game_attrs`*Get Game Attributes*

Description

Get Game Attributes

Usage

```
kp_game_attrs(year = most_recent_mbb_season(), attr = "Excitement")
```

Arguments

<code>year</code>	Year of data to pull
<code>attr</code>	Game Attribute, valid values include: 'Excitement', 'Tension', 'Dominance', 'MinWp', 'FanMatch', 'Upsets', 'Busts', 'Comeback', 'Window'

Value

Returns a tibble with game attributes

Examples

```
try(kp_game_attrs(year=2021, attr = "Excitement"))
```

kp_hca

Get Home Court Advantage Estimates

Description

Get Home Court Advantage Estimates

Usage

```
kp_hca()
```

Value

A data frame with 14 columns:

Team character.

Conf character.

HCA double.

HCA.Rk double.

PF double.

PF.Rk double.

Pts double.

Pts.Rk double.

NST double.

NST.Rk double.

Blk double.

Blk.Rk double.

Elev double.

Elev.Rk double.

Examples

```
try(kp_hca())
```

`kp_height`*Get Heights, Experience, Bench and Continuity Data*

Description

Get Heights, Experience, Bench and Continuity Data

Usage

```
kp_height(min_year, max_year = most_recent_mbb_season())
```

Arguments

<code>min_year</code>	First year of data to pull
<code>max_year</code>	Last year of data to pull

Value

Returns a tibble of heights

Examples

```
try(kp_height(min_year = 2020, max_year = 2021))
```

`kp_kpoy`*Get KPoy Leaders Tables*

Description

Get KPoy Leaders Tables

Usage

```
kp_kpoy(year = most_recent_mbb_season())
```

Arguments

<code>year</code>	Year of data to pull (earliest year of data available: 2011)
-------------------	--

Value

Returns a list of tibbles: "kPoY Rating", "Game MVP Leaders"

Examples

```
try(kp_kpoy(year=2021))
```

kp_minutes_matrix *Get Minutes Matrix from Expanded Player Page*

Description

Get Minutes Matrix from Expanded Player Page

Usage

```
kp_minutes_matrix(team, year = 2021)
```

Arguments

team	Team filter to select.
year	Year of data to pull

Value

Returns a tibble of minutes matrix data

Examples

```
try(kp_minutes_matrix(team = 'Florida St.', year = 2021))
```

kp_officials *Get officials rankings*

Description

Get officials rankings

Usage

```
kp_officials(year = most_recent_mbb_season())
```

Arguments

year Year of data to pull

Value

A data frame with 7 columns:

Rk integer.

OfficialName character.

RefRating double.

Gms double.

Last.Game character.

Last.Game.1 character.

Year double.

Examples

```
try(kp_officials(year = 2021))
```

kp_opptracker

Get KenPom's team opponent tracker page

Description

Get KenPom's team opponent tracker page

Usage

```
kp_opptracker(team, year = 2021)
```

Arguments

team Team filter to select.

year Year of data to pull

Value

Returns a tibble of team opponent tracker data

Examples

```
try(kp_opptracker(team = 'Florida St.', year = 2021))
```

kp_playerstats

*Get Player Stats Leaders by Metric***Description**

Get Player Stats Leaders by Metric

Usage

```
kp_playerstats(
  metric = "eFG",
  conf = NULL,
  conf_only = FALSE,
  year = most_recent_mbb_season()
)
```

Arguments

metric	Used to get leaders for different metrics. Available values are: 'ORtg', 'Min', 'eFG', 'Poss', 'Shots', 'OR', 'DR', 'TO', 'ARate', 'Blk', 'FTRate', 'Stl', 'TS', 'FC40', 'FD40', '2P', '3P', 'FT'. Default is 'eFG'. 'ORtg' returns a list of four dataframes, as there are four tables: players that used more than 28 percent of possessions, more than 24 percent of possessions, more than 20 percent of possessions, and with no possession restriction.
conf	Used to limit to players in a specific conference. Allowed values are: 'A10', 'ACC', 'AE', 'AMER', 'ASUN', 'B10', 'B12', 'BE', 'BSKY', 'BSTH', 'BW', 'CAA', 'CUSA', 'HORZ', 'IND', 'IVY', 'MAAC', 'MAC', 'MEAC', 'MVC', 'MWC', 'NEC', 'OVC', 'P12', 'PAT', 'SB', 'SC', 'SEC', 'SLND', 'SUM', 'SWAC', 'WAC', 'WCC'. If you try to use a conference that doesn't exist for a given season, like 'IND' and '2018', you'll get an empty table, as kenpom.com doesn't serve 404 pages for invalid table queries like that. No filter applied by default.
conf_only	Used to define whether stats should reflect conference games only. Only available if specific conference is defined. Only available for season after 2013, FALSE by default.
year	Year of data to pull (earliest year of data available: 2004)

Value

Returns a tibble of player stats

Examples

```
try(kp_playerstats(metric = 'eFG', conf_only = FALSE, year=2021))
```

kp_player_career	<i>Get KenPom's player career stats from the player page</i>
------------------	--

Description

Get KenPom's player career stats from the player page

Usage

```
kp_player_career(player_id)
```

Arguments

player_id Player Id filter to select.

Value

Returns a tibble of team player career stats

Examples

```
try(kp_player_career(player_id = '41180'))
```

kp_pointdist	<i>Get Team Points Distribution</i>
--------------	-------------------------------------

Description

Get Team Points Distribution

Usage

```
kp_pointdist(min_year, max_year = most_recent_mbb_season())
```

Arguments

min_year First year of data to pull
max_year Last year of data to pull

Value

Returns a tibble of team points distributions

Examples

```
try(kp_pointdist(min_year = 2020, max_year = 2021))
```

```
kp_pomeroy_archive_ratings
```

Get KenPom's ratings archive pages

Description

Get KenPom's ratings archive pages

Usage

```
kp_pomeroy_archive_ratings(date)
```

Arguments

date	Date (YYYY-MM-DD)
------	-------------------

Value

A data frame with 22 columns:

AdjEM.Rk double.

Team character.

Conf character.

AdjEM double.

AdjO double.

AdjO.Rk double.

AdjD double.

AdjD.Rk double.

AdjT double.

AdjT.Rk double.

Final.Rk double.

Final.AdjEM double.

Final.AdjO double.

Final.AdjO.Rk double.

Final.AdjD double.
Final.AdjD.Rk double.
Final.AdjT double.
Final.AdjT.Rk double.
Rk.Chg double.
EM.Chg double.
AdjT.Chg double.
NCAA_Seed double.

Examples

```
try(kp_pomeroy_archive_ratings(date='2018-11-22'))
```

kp_pomeroy_ratings	<i>Get KenPom Ratings</i>
--------------------	---------------------------

Description

Get KenPom Ratings

Usage

```
kp_pomeroy_ratings(min_year, max_year = most_recent_mbb_season())
```

Arguments

min_year	First year of data to pull
max_year	Last year of data to pull

Value

Returns a tibble of ratings

Examples

```
try(kp_pomeroy_ratings(min_year = 2020, max_year = 2021))
```

kp_program_ratings *Get KenPom's program ratings*

Description

Get KenPom's program ratings

Usage

```
kp_program_ratings()
```

Value

A data frame with 17 columns:

Rk double.

Team character.

Conf character.

Rtg double.

Best.Rk double.

Best.Yr double.

Worst.Rk double.

Worst.Yr double.

KP.Median double.

Top10 double.

Top25 double.

Top50 double.

CH double.

F4 double.

S16 double.

R1 double.

Chg double.

Examples

```
try(kp_program_ratings())
```

kp_referee	<i>Get referee game log</i>
------------	-----------------------------

Description

Get referee game log

Usage

```
kp_referee(referee, year)
```

Arguments

referee	Referee ID
year	Year of data to pull

Value

A data frame with 11 columns:

game_number integer.

date character.

time_et) character.

game character.

location character.

venue character.

conference character.

thrill_score double.

referee_name character.

ref_rank integer.

year integer.

Examples

```
try(kp_referee(referee = 714363, year = 2021))
```

kp_teamstats	<i>Get Team Stats</i>
--------------	-----------------------

Description

Get Team Stats

Usage

```
kp_teamstats(min_year, max_year = most_recent_mbb_season(), defense = FALSE)
```

Arguments

min_year	First year of data to pull
max_year	Last year of data to pull
defense	Choose whether to pull offense(default) with FALSE or defense with TRUE

Value

Returns a tibble of team stats

Examples

```
try(kp_teamstats(min_year = 2019, max_year = 2021, defense = FALSE))
```

kp_team_depth_chart	<i>Get Depth Chart Last 5 Games from Team Page</i>
---------------------	--

Description

Get Depth Chart Last 5 Games from Team Page

Usage

```
kp_team_depth_chart(team, year = 2021)
```

Arguments

team	Team filter to select.
year	Year of data to pull

Value

A data frame with 12 columns:

PG character. DESCRIPTION.

PG.Minpct character. DESCRIPTION.

SG character. DESCRIPTION.

SG.Minpct character. DESCRIPTION.

SF character. DESCRIPTION.

SF.Minpct character. DESCRIPTION.

PF character. DESCRIPTION.

PF.Minpct character. DESCRIPTION.

C character. DESCRIPTION.

C.Minpct character. DESCRIPTION.

Team character. DESCRIPTION.

Year double. DESCRIPTION.

Examples

```
try(kp_team_depth_chart(team = 'Florida St.', year= 2021))
```

kp_team_history

Get KenPom's team efficiency history

Description

Get KenPom's team efficiency history

Usage

```
kp_team_history(team)
```

Arguments

team Team filter to select.

Value

A data frame with 30 columns:

Year double.

Team.Rk double.

Team character.

Coach character.

Conf character.

W-L character.

AdjT double.

AdjO double.

AdjD double.

Off.eFG.Pct double.

Off.TO.Pct double.

Off.OR.Pct double.

Off.FTRate double.

Off.FG_2.Pct double.

Off.FG_3.Pct double.

Off.FT.Pct double.

Off.FG_3A.Pct double.

Off.A.Pct double.

Off.APL double.

Def.eFG.Pct double.

Def.TO.Pct double.

Def.OR.Pct double.

Def.FTRate double.

Def.FG_2.Pct double.

Def.FG_3.Pct double.

Def.Blk.Pct double.

Def.FG_3A.Pct double.

Def.A.Pct double.

Def.AP double.

Foul2Partic.Pct double.

Examples

```
kp_team_history(team = 'Florida St.')
```

kp_team_lineups *Get Lineups Last 5 Games from Team Page*

Description

Get Lineups Last 5 Games from Team Page

Usage

```
kp_team_lineups(team, year = 2021)
```

Arguments

team	Team filter to select.
year	Year of data to pull

Value

A data frame with 9 columns:

Rk character. DESCRIPTION.

PG character. DESCRIPTION.

SG character. DESCRIPTION.

SF character. DESCRIPTION.

PF character. DESCRIPTION.

C character. DESCRIPTION.

Minpct character. DESCRIPTION.

Team character. DESCRIPTION.

Year double. DESCRIPTION.

Examples

```
try(kp_team_lineups(team = 'Florida St.', year = 2021))
```

kp_team_players *Get KenPom's player stats from the team page*

Description

Get KenPom's player stats from the team page

Usage

```
kp_team_players(team, year = 2021)
```

Arguments

team	Team filter to select.
year	Year of data to pull

Value

Returns a tibble of team player data

Examples

```
try(kp_team_players(team = 'Florida St.', year = 2021))
```

kp_team_player_stats *Get Team Player Stats*

Description

Get Team Player Stats

Usage

```
kp_team_player_stats(team, year = 2021)
```

Arguments

team	Team filter to select.
year	Year of data to pull

Value

Returns a tibble of team player stats data

Examples

```
try(kp_team_player_stats(team = 'Florida St.', year = 2021))
```

kp_team_schedule	<i>Get team schedule results</i>
------------------	----------------------------------

Description

Get team schedule results

Usage

```
kp_team_schedule(team, year = 2022)
```

Arguments

team	Team filter to select.
year	Year of data to pull

Value

Returns a tibble of team schedules

Examples

```
try(kp_team_schedule(team = 'Florida St.', year = 2022))
```

kp_trends	<i>Get Division-I statistical trends</i>
-----------	--

Description

Get Division-I statistical trends

Usage

```
kp_trends()
```

Value

A data frame with 19 columns:

Season double.

Efficiency double.

Tempo double.

eFG.Pct double.

TO.Pct double.

OR.Pct double.

FTRate double.

FG_2.Pct double.

FG_3.Pct double.

FG_3A.Pct double.

FT.Pct double.

A.Pct double.

Blk.Pct double.

Stl.Pct double.

NonStl.Pct double.

AvgHgt double.

Continuity double.

HomeWin.Pct double.

PPG double.

Examples

```
try(kp_trends())
```

kp_user_pw

KenPom Login and Password credentials

Description

Save your KenPom login e-mail and password as the system environment variables KP_USER and KP_PW

Requires a subscription to KenPom.com

Usage

```
login(user_email = Sys.getenv("KP_USER"), user_pw = Sys.getenv("KP_PW"))

kp_user_email()

kp_password()

has_kp_user_and_pw()
```

Arguments

user_email	User subscription e-mail
user_pw	User subscription password

Details**Using your KenPom subscription with the package:**

Run `usethis::edit_r_environ()` and THEN paste the following in the new script that pops up (without quotations)

```
KP_USER = YOUR-EMAIL@DOMAIN.COM
KP_PW = XXX-YOUR-PASSWORD-XXX
```

You can save the login information for consistent usage by adding

```
KP_USER = YOUR-EMAIL@DOMAIN.COM
KP_PW = XXX-YOUR-PASSWORD-XXX
``` \cr
```

to your `.REnviron` file (easily accessed via `[**`usethis::edit_r_environ()`**](https://usethis.r-lib.org/` \cr`

For less consistent usage:\cr

At the beginning of every session or within an R environment, save your login e-mail and password as the e

```
```{r}
Sys.setenv(KP_USER = "YOUR-EMAIL@DOMAIN.COM")
Sys.setenv(KP_PW = "XXX-YOUR-PASSWORD-XXX")
```

kp_winprob

Get Win Probability

Description

Get Win Probability

Usage

```
kp_winprob(game_id, year)
```

Arguments

game_id	Game id of game to pull
year	Year of game to pull

Value

Returns a tibble of game win probabilities

Examples

```
try(kp_winprob(game_id = 1238, year = 2020))
```

 Id_oppptshot

Get NBA Stats API League Dashboard Player Tracking - Opponent Shots

Description

Get NBA Stats API League Dashboard Player Tracking - Opponent Shots

Get NBA Stats API League Dashboard Player Tracking - Opponent Shots

Usage

```
nba_leaguedashoppptshot(
  close_def_dist_range = "",
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  dribble_range = "",
  game_segment = "",
  general_range = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
```

```

per_mode = "Totals",
period = 0,
plus_minus = "N",
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
shot_dist_range = "",
team_id = "",
touch_time_range = "",
vs_conference = "",
vs_division = ""
)

```

Arguments

close_def_dist_range	close_def_dist_range
conference	conference
date_from	date_from
date_to	date_to
division	division
dribble_range	dribble_range
game_segment	game_segment
general_range	general_range
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment

```

season_type    season_type
shot_clock_range
               shot_clock_range
shot_dist_range
               shot_dist_range
team_id        team_id
touch_time_range
               touch_time_range
vs_conference  vs_conference
vs_division    vs_division

```

Value

Returns a named list of data frames: LeagueDashPTShots

Author(s)

Saiem Gilani

 Id_pbiostats

Get NBA Stats API League Dashboard Player Biographical Stats

Description

Get NBA Stats API League Dashboard Player Biographical Stats

Get NBA Stats API League Dashboard Player Biographical Stats

Usage

```

nba_leaguedashplayerbiostats(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_segment = "",
  game_scope = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,

```

```

outcome = "",
po_round = "",
per_mode = "Totals",
period = "",
player_experience = "",
player_position = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
starter_bench = "",
team_id = "",
touch_time_range = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_segment	game_segment
game_scope	game_scope
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience

player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: LeagueDashPlayerBioStats

Author(s)

Saiem Gilani

 Id_pclutch

 Get NBA Stats API League Dashboard by Player Clutch Splits

Description

Get NBA Stats API League Dashboard by Player Clutch Splits

Get NBA Stats API League Dashboard by Player Clutch Splits

Usage

```
nba_leaguedashplayerclutch(
  ahead_behind = "Ahead or Behind",
  clutch_time = "Last 5 Minutes",
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
```

```

game_scope = "",
game_segment = "",
height = "",
last_n_games = 0,
league_id = "00",
location = "",
measure_type = "Base",
month = 0,
opponent_team_id = 0,
outcome = "",
pace_adjust = "N",
plus_minus = "N",
point_diff = 5,
po_round = "",
per_mode = "Totals",
period = 0,
player_experience = "",
player_position = "",
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
starter_bench = "",
team_id = "",
touch_time_range = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

Arguments

ahead_behind	ahead_behind
clutch_time	clutch_time
college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_scope	game_scope
game_segment	game_segment

height	height
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
point_diff	point_diff
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: LeagueDashPlayerClutch

Author(s)

Saiem Gilani

ld_pptshot	Get NBA Stats API League Dashboard Player Tracking - Player Shots
------------	--

Description

Get NBA Stats API League Dashboard Player Tracking - Player Shots

Get NBA Stats API League Dashboard Player Tracking - Player Shots

Usage

```
nba_leaguedashplayerptshot(
  close_def_dist_range = "",
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  distance_range = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  dribble_range = "",
  game_scope = "",
  game_segment = "",
  general_range = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  shot_dist_range = "",
  starter_bench = "",
  team_id = "",
```



```

    touch_time_range = "",
    vs_conference = "",
    vs_division = "",
    weight = ""
)

```

Arguments

```

close_def_dist_range      close_def_dist_range
college                   college
conference                 conference
country                   country
date_from                 date_from
date_to                   date_to
distance_range            distance_range
division                  division
draft_pick                draft_pick
draft_year                draft_year
dribble_range             dribble_range
game_scope                game_scope
game_segment              game_segment
general_range             general_range
height                    height
last_n_games              last_n_games
league_id                 league_id
location                  location
measure_type              measure_type
month                     month
opponent_team_id         opponent_team_id
                           opponent_team_id
outcome                   outcome
pace_adjust               pace_adjust
po_round                  po_round
per_mode                  per_mode
period                    period
player_experience          player_experience
                           player_experience
player_position           player_position
                           player_position
season                    season

```

```

season_segment season_segment
season_type    season_type
shot_clock_range
                shot_clock_range
shot_dist_range
                shot_dist_range
starter_bench  starter_bench
team_id        team_id
touch_time_range
                touch_time_range
vs_conference  vs_conference
vs_division    vs_division
weight         weight

```

Value

Returns a named list of data frames: LeagueDashPTShots

Author(s)

Saiem Gilani

ld_pshotloc

Get NBA Stats API League Dashboard Player Shot Locations

Description

Get NBA Stats API League Dashboard Player Shot Locations

Get NBA Stats API League Dashboard Player Shot Locations

Usage

```

nba_leaguedashplayershotlocations(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  distance_range = "By Zone",
  division = "",
  draft_pick = "",
  draft_year = "",
  dribble_range = "",
  game_scope = "",
  game_segment = "",

```

```

height = "",
last_n_games = 0,
league_id = "00",
location = "",
measure_type = "Base",
month = 0,
opponent_team_id = 0,
outcome = "",
po_round = "",
pace_adjust = "N",
per_mode = "Totals",
period = 0,
player_experience = "",
player_position = "",
plus_minus = "N",
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
starter_bench = "",
team_id = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
distance_range	distance_range
division	division
draft_pick	draft_pick
draft_year	draft_year
dribble_range	dribble_range
game_scope	game_scope
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id

location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: ShotLocations

Author(s)

Saiem Gilani

Id_pstats

Get NBA Stats API League Dashboard Player Stats

Description

Get NBA Stats API League Dashboard Player Stats

Get NBA Stats API League Dashboard Player Stats

Usage

```
nba_leaguedashplayerstats(  
  college = "",  
  conference = "",  
  country = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  draft_pick = "",  
  draft_year = "",  
  game_scope = "",  
  game_segment = "",  
  height = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  po_round = "",  
  per_mode = "Totals",  
  period = 0,  
  player_experience = "",  
  player_position = "",  
  plus_minus = "N",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  starter_bench = "",  
  team_id = "",  
  two_way = "",  
  vs_conference = "",  
  vs_division = "",
```

```

    weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_scope	game_scope
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench

team_id	team_id
two_way	two_way
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: LeagueDashPlayerStats

Author(s)

Saiem Gilani

 Id_ptdefend

 Get NBA Stats API League Dashboard Player Tracking - Defense

Description

Get NBA Stats API League Dashboard Player Tracking - Defense

Get NBA Stats API League Dashboard Player Tracking - Defense

Usage

```
nba_leaguedashptdefend(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  defense_category = "Overall",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_segment = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  period = "",
  player_experience = "",
```

```

player_id = "",
player_position = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
starter_bench = "",
team_id = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
defense_category	defense_category
division	division
draft_pick	draft_pick
draft_year	draft_year
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_id	player_id
player_position	player_position
season	season

season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Value

Returns a named list of data frames: LeagueDashPTDefend

Author(s)

Saiem Gilani

 Id_ptstats

 Get NBA Stats API League Dashboard Player Tracking - Stats

Description

Get NBA Stats API League Dashboard Player Tracking - Stats

Get NBA Stats API League Dashboard Player Tracking - Stats

Usage

```
nba_leaguedashptstats(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_scope = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
```

```

    period = "",
    player_experience = "",
    player_or_team = "Team",
    player_position = "",
    pt_measure_type = "SpeedDistance",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    starter_bench = "",
    team_id = "",
    vs_conference = "",
    vs_division = "",
    weight = ""
)

```

Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_scope	game_scope
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_or_team	player_or_team
player_position	player_position

pt_measure_type	pt_measure_type
season	season
season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

Author(s)

Saiem Gilani

Id_ptteamdefend	Get NBA Stats API League Dashboard Player Tracking - Team Defense
-----------------	--

Description**Get NBA Stats API League Dashboard Player Tracking - Team Defense****Get NBA Stats API League Dashboard Player Tracking - Team Defense****Usage**

```
nba_leaguedashptteamdefend(
  conference = "",
  date_from = "",
  date_to = "",
  defense_category = "Overall",
  division = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  period = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
```

```

    team_id = "",
    vs_conference = "",
    vs_division = ""
)

```

Arguments

conference	conference
date_from	date_from
date_to	date_to
defense_category	defense_category
division	division
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Author(s)

Saiem Gilani

Id_tclutch

Get NBA Stats API League Dashboard by Team Clutch Splits

Description

Get NBA Stats API League Dashboard by Team Clutch Splits

Get NBA Stats API League Dashboard by Team Clutch Splits

Usage

```
nba_leaguedashteamclutch(  
  ahead_behind = "Ahead or Behind",  
  clutch_time = "Last 5 Minutes",  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  game_scope = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  plus_minus = "N",  
  point_diff = 5,  
  po_round = "",  
  per_mode = "Totals",  
  period = 0,  
  player_experience = "",  
  player_position = "",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  starter_bench = "",  
  team_id = "",  
  vs_conference = "",  
  vs_division = ""  
)
```

Arguments

ahead_behind	ahead_behind
clutch_time	clutch_time
conference	conference
date_from	date_from
date_to	date_to
division	division
game_scope	game_scope
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
point_diff	point_diff
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: LeagueDashTeamClutch

Author(s)

Saiem Gilani

Id_tptshot	Get NBA Stats API League Dashboard Player Tracking - Team Shots
------------	--

Description

Get NBA Stats API League Dashboard Player Tracking - Team Shots

Get NBA Stats API League Dashboard Player Tracking - Team Shots

Usage

```
nba_leaguedashteamptshot(
  close_def_dist_range = "",
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  dribble_range = "",
  game_segment = "",
  general_range = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  shot_dist_range = "",
  team_id = "",
  touch_time_range = "",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

close_def_dist_range	close_def_dist_range
conference	conference
date_from	date_from
date_to	date_to
division	division
dribble_range	dribble_range
game_segment	game_segment
general_range	general_range
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
shot_dist_range	shot_dist_range
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: LeagueDashPTShots

Author(s)

Saiem Gilani

Id_tshotloc

Get NBA Stats API League Dashboard Team Shot Locations

Description**Get NBA Stats API League Dashboard Team Shot Locations****Get NBA Stats API League Dashboard Team Shot Locations****Usage**

```
nba_leaguedashteamshotlocations(
  conference = "",
  date_from = "",
  date_to = "",
  distance_range = "By Zone",
  division = "",
  game_scope = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
  player_position = "",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  starter_bench = "",
  team_id = "",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

conference	conference
------------	------------

date_from	date_from
date_to	date_to
distance_range	distance_range
division	division
game_scope	game_scope
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: ShotLocations

Author(s)

Saiem Gilani

Id_tstats

Get NBA Stats API League Dashboard Team Stats

Description**Get NBA Stats API League Dashboard Team Stats****Get NBA Stats API League Dashboard Team Stats****Usage**

```

nba_leaguedashteamstats(
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  game_scope = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  starter_bench = "",
  team_id = "",
  two_way = "",
  vs_conference = "",
  vs_division = ""
)

```

Arguments

conference	conference
date_from	date_from
date_to	date_to

division	division
game_scope	game_scope
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
two_way	two_way
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: LeagueDashTeamStats

Author(s)

Saiem Gilani

leaderstyles

Get NBA Stats API Leaders Tiles

Description

Get NBA Stats API Leaders Tiles

Get NBA Stats API Leaders Tiles

Usage

```
nba_leaderstyles(  
  league_id = "00",  
  game_scope = "Season",  
  player_or_team = "Team",  
  player_scope = "All Players",  
  season = "2020-21",  
  season_type = "Regular Season",  
  stat = "PTS"  
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, ,Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat	Stat - PTS, REB, AST, FG_PCT, FT_PCT, FG3_PCT, STL, BLK

Value

Returns a named list of data frames: AllTimeSeasonHigh, LastSeasonHigh, LeadersTiles, LowSeasonHigh,

Author(s)

Saiem Gilani

 leaguedashlineups **Get NBA Stats API League Dashboard Lineups**

Description**Get NBA Stats API League Dashboard Lineups****Get NBA Stats API League Dashboard Lineups****Usage**

```

nba_leaguedashlineups(
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  game_segment = "",
  group_quantity = 5,
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "",
  vs_conference = "",
  vs_division = ""
)

```

Arguments

conference	conference
date_from	date_from
date_to	date_to
division	division

game_segment	game_segment
group_quantity	group_quantity
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: Lineups

Author(s)

Saiem Gilani

leagueleaders

Get NBA Stats API League Leaders

Description

Get NBA Stats API League Leaders

Get NBA Stats API League Leaders

Usage

```
nba_leagueleaders(  
  active_flag = "",  
  league_id = "00",  
  per_mode = "Totals",  
  scope = "S",  
  season = "2020-21",  
  season_type = "Regular Season",  
  stat_category = "PTS"  
)
```

Arguments

active_flag	Active Flag
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - Totals, PerGame, Per48
scope	Scope - RS, S, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat_category	Stat Category: PTS, REB, AST, FG_PCT, FT_PCT, FG3_PCT, STL, BLK

Value

Returns a named list of data frames: LeagueLeaders

Author(s)

Saiem Gilani

leaguelineupviz	Get NBA Stats API League Lineup Visual Data
-----------------	--

Description**Get NBA Stats API League Lineup Visual Data****Get NBA Stats API League Lineup Visual Data****Usage**

```
nba_leaguelineupviz(  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  game_segment = "",  
  group_quantity = 5,  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  minutes_min = 10,  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  po_round = "",  
  pace_adjust = "N",  
  per_mode = "Totals",  
  period = 0,  
  plus_minus = "N",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  team_id = "",  
  vs_conference = "",  
  vs_division = ""  
)
```

Arguments

conference	conference
date_from	date_from
date_to	date_to
division	division

game_segment	game_segment
group_quantity	group_quantity
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
minutes_min	minutes_min
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: LeagueLineupViz

Author(s)

Saiem Gilani

leagueplayerondetails Get NBA Stats API League Player On/Off Details

Description**Get NBA Stats API League Player On/Off Details****Get NBA Stats API League Player On/Off Details****Usage**

```
nba_leagueplayerondetails(  
  date_from = "",  
  date_to = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  per_mode = "Totals",  
  period = 0,  
  plus_minus = "N",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  team_id = "1610612749",  
  vs_conference = "",  
  vs_division = ""  
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month

opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Returns a named list of data frames: `PlayersOnCourtLeaguePlayerDetails`

Author(s)

Saiem Gilani

leagueseasonmatchups **Get NBA Stats API League Season Matchups**

Description

Get NBA Stats API League Season Matchups

Get NBA Stats API League Season Matchups

Usage

```
nba_leagueseasonmatchups(
  def_player_id = "",
  def_team_id = "",
  league_id = "00",
  off_player_id = "",
  off_team_id = "",
  per_mode = "Totals",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

def_player_id	def_player_id
def_team_id	def_team_id
league_id	league_id
off_player_id	off_player_id
off_team_id	off_team_id
per_mode	per_mode
season	season
season_type	season_type

Value

Returns a named list of data frames: SeasonMatchups

Author(s)

Saiem Gilani

 lg_streak

 Get NBA Stats API League Game Streak Finder

Description

Get NBA Stats API League Game Streak Finder

Get NBA Stats API League Game Streak Finder

Usage

```
nba_leaguegamefinder(
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_year = "",
  draft_team_id = "",
  draft_round = "",
  draft_number = "",
  et_ast = "",
  et_blk = "",
  et_dd = "",
  et_dreb = "",
  et_fg3a = "",
  et_fg3m = "",
  et_fg3_pct = "",
```

```
et_fga = "",
et_fgm = "",
et_fg_pct = "",
et_fta = "",
et_ftm = "",
et_ft_pct = "",
et_minutes = "",
et_oreb = "",
et_pf = "",
et_pts = "",
et_reb = "",
et_stl = "",
et_td = "",
et_tov = "",
game_id = "",
gt_ast = "",
gt_blk = "",
gt_dd = "",
gt_dreb = "",
gt_fg3a = "",
gt_fg3m = "",
gt_fg3_pct = "",
gt_fga = "",
gt_fgm = "",
gt_fg_pct = "",
gt_fta = "",
gt_ftm = "",
gt_ft_pct = "",
gt_minutes = "",
gt_oreb = "",
gt_pf = "",
gt_pts = "",
gt_reb = "",
gt_stl = "",
gt_td = "",
gt_tov = "",
league_id = "00",
location = "",
lt_ast = "",
lt_blk = "",
lt_dd = "",
lt_dreb = "",
lt_fg3a = "",
lt_fg3m = "",
lt_fg3_pct = "",
lt_fga = "",
lt_fgm = "",
lt_fg_pct = "",
```

```

    lt_fta = "",
    lt_ftm = "",
    lt_ft_pct = "",
    lt_minutes = "",
    lt_oreb = "",
    lt_pf = "",
    lt_pts = "",
    lt_reb = "",
    lt_stl = "",
    lt_td = "",
    lt_tov = "",
    outcome = "",
    po_round = "",
    player_id = "",
    player_or_team = "T",
    rookie_year = "",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    starter_bench = "",
    team_id = "",
    vs_conference = "",
    vs_division = "",
    vs_team_id = "",
    years_experience = ""
)

```

Arguments

conference	conference
date_from	date_from
date_to	date_to
division	division
draft_year	draft_year
draft_team_id	draft_team_id
draft_round	draft_round
draft_number	draft_number
et_ast	et_ast
et_blk	et_blk
et_dd	et_dd
et_dreb	et_dreb
et_fg3a	et_fg3a
et_fg3m	et_fg3m
et_fg3_pct	et_fg3_pct

et_fga	et_fga
et_fgm	et_fgm
et_fg_pct	et_fg_pct
et_fta	et_fta
et_ftm	et_ftm
et_ft_pct	et_ft_pct
et_minutes	et_minutes
et_oreb	et_oreb
et_pf	et_pf
et_pts	et_pts
et_reb	et_reb
et_stl	et_stl
et_td	et_td
et_tov	et_tov
game_id	game_id
gt_ast	gt_ast
gt_blk	gt_blk
gt_dd	gt_dd
gt_dreb	gt_dreb
gt_fg3a	gt_fg3a
gt_fg3m	gt_fg3m
gt_fg3_pct	gt_fg3_pct
gt_fga	gt_fga
gt_fgm	gt_fgm
gt_fg_pct	gt_fg_pct
gt_fta	gt_fta
gt_ftm	gt_ftm
gt_ft_pct	gt_ft_pct
gt_minutes	gt_minutes
gt_oreb	gt_oreb
gt_pf	gt_pf
gt_pts	gt_pts
gt_reb	gt_reb
gt_stl	gt_stl
gt_td	gt_td
gt_tov	gt_tov
league_id	league_id

location	location
lt_ast	lt_ast
lt_blk	lt_blk
lt_dd	lt_dd
lt_dreb	lt_dreb
lt_fg3a	lt_fg3a
lt_fg3m	lt_fg3m
lt_fg3_pct	lt_fg3_pct
lt_fga	lt_fga
lt_fgm	lt_fgm
lt_fg_pct	lt_fg_pct
lt_fta	lt_fta
lt_ftm	lt_ftm
lt_ft_pct	lt_ft_pct
lt_minutes	lt_minutes
lt_oreb	lt_oreb
lt_pf	lt_pf
lt_pts	lt_pts
lt_reb	lt_reb
lt_stl	lt_stl
lt_td	lt_td
lt_tov	lt_tov
outcome	outcome
po_round	po_round
player_id	player_id
player_or_team	player_or_team
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id
years_experience	years_experience

Value

Return a named list of data frames: LeagueGameFinderResults

Author(s)

Saiem Gilani

load_mbb_pbp

Load hoopR men's college basketball play-by-play

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_mbb_pbp(
  seasons = most_recent_mbb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2006)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_mbb_pbp(2021)
```

load_mbb_player_box **Load hoopR men's college basketball player box scores**

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_mbb_player_box(  
  seasons = most_recent_mbb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2003)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_mbb_player_box(2021)
```

load_mbb_schedule **Load hoopR men's college basketball schedule**

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_mbb_schedule(
  seasons = most_recent_mbb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_mbb_schedule(2021)
```

load_mbb_team_box	Load hoopR men's college basketball team box scores
-------------------	--

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_mbb_team_box(
  seasons = most_recent_mbb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2003)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_mbb_team_box(2021)
```

load_nba_pbp	Load hoopR NBA play-by-play
--------------	------------------------------------

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_nba_pbp(
  seasons = most_recent_nba_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_nba_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_nba_pbp(2021)
```

load_nba_player_box **Load hoopR NBA player box scores**

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_nba_player_box(  
  seasons = most_recent_nba_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_nba_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_nba_player_box(2021)
```

load_nba_schedule **Load hoopR NBA schedules**

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_nba_schedule(
  seasons = most_recent_nba_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_nba_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_nba_schedule(2021)
```

load_nba_team_box **Load hoopR NBA team box scores**

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

Usage

```
load_nba_team_box(
  seasons = most_recent_nba_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by <code>update_nba_db()</code>).
dbConnection	A <code>DBIConnection</code> object, as returned by
tablename	The name of the play by play data table within the database

Value

Returns a tibble

Examples

```
load_nba_team_box(2021)
```

l_gamelog

Get NBA Stats API League Game Log

Description

Get NBA Stats API League Game Log

Get NBA Stats API League Game Log

Usage

```
nba_leaguegamelog(
  counter = 0,
  date_from = "",
  date_to = "",
  direction = "ASC",
  league_id = "00",
  player_or_team = "T",
  season = "2020-21",
  season_type = "Regular Season",
  sorter = "DATE"
)
```


Arguments

counter	counter
date_from	date_from
date_to	date_to
direction	direction
league_id	league_id
player_or_team	player_or_team
season	season
season_type	season_type
sorter	sorter

Value

Return a named list of data frames: LeagueGameLog

Author(s)

Saiem Gilani

l_standings

Get NBA Stats API League Standings

Description

Get NBA Stats API League Standings

Get NBA Stats API League Standings

Usage

```
nba_leaguestandings(
  league_id = "00",
  season = "2020-21",
  season_type = "Regular Season",
  season_year = ""
)
```

Arguments

league_id	league_id
season	season
season_type	season_type
season_year	season_year

Value

Return a named list of data frames: Standings

Author(s)

Saiem Gilani

l_standingsv3

Get NBA Stats API League Standings V3

Description

Get NBA Stats API League Standings V3

Get NBA Stats API League Standings V3

Usage

```
nba_leaguestandingsv3(  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  season_year = ""  
)
```

Arguments

league_id	league_id
season	season
season_type	season_type
season_year	season_year

Value

Return a named list of data frames: Standings

Author(s)

Saiem Gilani

matchupsrollup **Get NBA Stats API Matchups Rollup**

Description**Get NBA Stats API Matchups Rollup****Get NBA Stats API Matchups Rollup****Usage**

```
nba_matchupsrollup(  
  def_player_id = "",  
  def_team_id = "",  
  league_id = "00",  
  off_player_id = "",  
  off_team_id = "",  
  per_mode = "Totals",  
  season = "2020-21",  
  season_type = "Regular Season"  
)
```

Arguments

def_player_id	def_player_id
def_team_id	def_team_id
league_id	league_id
off_player_id	off_player_id
off_team_id	off_team_id
per_mode	per_mode
season	season
season_type	season_type

Value

Returns a named list of data frames: MatchupsRollup

Author(s)

Saiem Gilani

most_recent_mbb_season

Most Recent Men's College Basketball Season

Description

Most Recent Men's College Basketball Season

Usage

most_recent_mbb_season()

most_recent_nba_season

Most Recent NBA Season

Description

Most Recent NBA Season

Usage

most_recent_nba_season()

nba_data_pbp

Get NBA Data API Play-by-Play

Description

Get NBA Data API Play-by-Play

Get NBA Data API Play-by-Play

Usage

nba_data_pbp(game_id = "0021900001")

Arguments

game_id Game ID - 10 digits, i.e. "0021900001"

Value

Returns a tibble

Author(s)

Saiem Gilani

nba_stats_videodetails

Get NBA Stats API Video Details

Description

Get NBA Stats API Video Details

Get NBA Stats API Video Details

Usage

```
nba_videodetails(  
  ahead_behind = "",  
  clutch_time = "",  
  context_filter = "",  
  context_measure = "FGA",  
  date_from = "",  
  date_to = "",  
  end_period = "",  
  end_range = "",  
  game_id = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  period = 0,  
  player_id = "2544",  
  point_diff = "",  
  position = "",  
  range_type = "",  
  rookie_year = "",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  start_period = "",  
  start_range = "",  
  team_id = "1610612739",  
  vs_conference = "",  
  vs_division = ""  
)
```

Arguments

ahead_behind ahead_behind

clutch_time	clutch_time
context_filter	context_filter
context_measure	context_measure
date_from	date_from
date_to	date_to
end_period	end_period
end_range	end_range
game_id	game_id
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
period	period
player_id	player_id
point_diff	point_diff
position	position
range_type	range_type
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
start_period	start_period
start_range	start_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a list of tibbles

Author(s)

Saiem Gilani

nba_stats_videoevents Get NBA Stats API Video Events

Description**Get NBA Stats API Video Events****Get NBA Stats API Video Events****Get NBA Stats API Video Events****Get NBA Stats API Video Events****Usage**

```
nba_videoevents(game_id = "0021700807", game_event_id = "0")
```

```
nba_videostatus(game_date = "2020-08-16", league_id = "00")
```

Arguments

game_id	game_id
game_event_id	game_event_id
game_date	game_date
league_id	league_id

Value

Return a list of tibbles

Return a list of tibbles: VideoStatus

Author(s)

Saiem Gilani

Saiem Gilani

nba_teams *NBA Stats API's Teams Dictionary*

Description

NBA Stats API's Teams Dictionary

Usage

```
nba_teams
```

Format

A data frame with 30 rows and 10 variables:\

TeamID character.

TeamCity character.

TeamName character.

TeamSlug double.

Conference character.

Division character.

LeagueID character.

SeasonID character.

SEASON character.

TEAMNAMEFULL character.

ncaa_mbb_NET_rankings *Get men's college basketball NET rankings for the current date from the NCAA website*

Description

Get men's college basketball NET rankings for the current date from the NCAA website

Usage

```
ncaa_mbb_NET_rankings()
```

Value

Returns a tibble

Author(s)

Saiem Gilani

Examples

```
# Get current NCAA NET rankings  
  
try(ncaa_mbb_NET_rankings())
```

pbp **Get NBA Stats API play-by-play**

Description**Get NBA Stats API play-by-play****Get NBA Stats API play-by-play****Usage**

```
nba_pbp(game_id, version = "v2")
```

Arguments

game_id	Game ID
version	Play-by-play version ("v2" available from 2016-17 onwards)

Value

Returns a named list of data frames: PlayByPlay

Author(s)

Saiem Gilani

pbyclutch **Get NBA Stats API Player Dashboard by Clutch Splits**

Description**Get NBA Stats API Player Dashboard by Clutch Splits****Get NBA Stats API Player Dashboard by Clutch Splits****Usage**

```
nba_playerdashboardbyclutch(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
```

```

outcome = "",
po_round = "",
pace_adjust = "N",
per_mode = "Totals",
period = 0,
player_id = "2544",
plus_minus = "N",
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
vs_conference = "",
vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: Last10Sec3Point2PlayerDashboard, Last10Sec3PointPlayerDashboard, Last1Min5PointPlayerDashboard, Last1MinPlusMinus5PointPlayerDashboard, Last30Sec3Point2PlayerDashboard, Last30Sec3PointPlayerDashboard, Last3Min5PointPlayerDashboard, Last3MinPlusMinus5PointPlayerDashboard, Last5Min5PointPlayerDashboard, Last5MinPlusMinus5PointPlayerDashboard, OverallPlayerDashboard

Author(s)

Saiem Gilani

pbygamesplits

Get NBA Stats API Player Dashboard by Game Splits

Description

Get NBA Stats API Player Dashboard by Game Splits

Get NBA Stats API Player Dashboard by Game Splits

Usage

```
nba_playerdashboardbygamesplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: `ByActualMarginPlayerDashboard`, `ByHalfPlayerDashboard`, `ByPeriodPlayerDashboard`, `ByScoreMarginPlayerDashboard`, `OverallPlayerDashboard`

Author(s)

Saiem Gilani

pbygeneralsplits

Get NBA Stats API Player Dashboard by General Splits**Description****Get NBA Stats API Player Dashboard by General Splits****Get NBA Stats API Player Dashboard by General Splits****Usage**

```
nba_playerdashboardbygeneralsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type

month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: DaysRestPlayerDashboard, LocationPlayerDashboard, Month-PlayerDashboard, OverallPlayerDashboard, PrePostAllStarPlayerDashboard, StartingPosition, WinsLossesPlayerDashboard

Author(s)

Saiem Gilani

pbylastngames

Get NBA Stats API Player Dashboard by Last N Games

Description

Get NBA Stats API Player Dashboard by Last N Games

Get NBA Stats API Player Dashboard by Last N Games

Usage

```
nba_playerdashboardbylastngames(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period

player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: GameNumberPlayerDashboard, Last10PlayerDashboard, Last15PlayerDashboard, Last20PlayerDashboard, Last5PlayerDashboard, OverallPlayerDashboard

Author(s)

Saiem Gilani

pbyopponent

Get NBA Stats API Player Dashboard by Opponent

Description

Get NBA Stats API Player Dashboard by Opponent

Get NBA Stats API Player Dashboard by Opponent

Usage

```
nba_playerdashboardbyopponent(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
```



```

    player_id = "2544",
    plus_minus = "N",
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    vs_conference = "",
    vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: ConferencePlayerDashboard, DivisionPlayerDashboard, OpponentPlayerDashboard, OverallPlayerDashboard

Author(s)

Saiem Gilani

pbyshootingsplits

Get NBA Stats API Player Dashboard by Shooting Splits**Description****Get NBA Stats API Player Dashboard by Shooting Splits****Get NBA Stats API Player Dashboard by Shooting Splits****Usage**

```

nba_playerdashboardbyshootingsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games

league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: AssistedBy, AssitedShotPlayerDashboard, OverallPlayerDashboard, Shot5FTPlayerDashboard, Shot8FTPlayerDashboard, ShotAreaPlayerDashboard, ShotTypePlayerDashboard, ShotTypeSummaryPlayerDashboard

Author(s)

Saiem Gilani

pbyteamperformance **Get NBA Stats API Player Dashboard by Team Performance**

Description

Get NBA Stats API Player Dashboard by Team Performance
Get NBA Stats API Player Dashboard by Team Performance

Usage

```
nba_playerdashboardbyteamperformance(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period

player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: OverallPlayerDashboard, PointsScoredPlayerDashboard, PontoAgainstPlayerDashboard, ScoreDifferentialPlayerDashboard

Author(s)

Saiem Gilani

pbyearoveryear

Get NBA Stats API Player Dashboard Year over Year

Description

Get NBA Stats API Player Dashboard Year over Year

Get NBA Stats API Player Dashboard Year over Year

Usage

```
nba_playerdashboardbyyearoveryear(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
```

```

player_id = "2544",
plus_minus = "N",
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
vs_conference = "",
vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: ByYearPlayerDashboard, OverallPlayerDashboard

Author(s)

Saiem Gilani

pcareerbycollege **Get NBA Stats API Player Career By College**

Description**Get NBA Stats API Player Career By College****Get NBA Stats API Player Career By College****Usage**

```
nba_playercareerbycollege(
  college = "Florida State",
  league_id = "00",
  per_mode = "Totals",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

college	College Name
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: PlayerCareerByCollege

Author(s)

Saiem Gilani

pcareerbycollege_ru **Get NBA Stats API Player Career By College Rollup**

Description**Get NBA Stats API Player Career By College Rollup****Get NBA Stats API Player Career By College Rollup**

Usage

```
nba_playercareerbycollegerollup(
  league_id = "00",
  per_mode = "Totals",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: East, Midwest, South, West

Author(s)

Saiem Gilani

pfantasy

Get NBA Stats API Player Fantasy Profile

Description

Get NBA Stats API Player Fantasy Profile

Get NBA Stats API Player Fantasy Profile

Usage

```
nba_playerfantasyprofile(
  league_id = "00",
  measure_type = "Base",
  pace_adjust = "N",
  per_mode = "Totals",
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_type = "Regular Season"
)
```


Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
measure_type	measure_type
pace_adjust	Pace Adjustment - Y/N
per_mode	Per Mode - PerGame, Totals
player_id	Player ID
plus_minus	Plus Minus - Y/N
rank	Rank - Y/N
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: DaysRestModified, LastNGames, Location, Opponent, Overall

Author(s)

Saiem Gilani

pfantasy_bg

Get NBA Stats API Player Fantasy Profile Bar Graph

Description

Get NBA Stats API Player Fantasy Profile Bar Graph

Get NBA Stats API Player Fantasy Profile Bar Graph

Usage

```
nba_playerfantasyprofilebargraph(
  league_id = "00",
  player_id = "2544",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
player_id	Player ID
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: LastFiveGamesAvg, SeasonAvg

Author(s)

Saiem Gilani

pg_streak

Get NBA Stats API Player Game Streak Finder

Description

Get NBA Stats API Player Game Streak Finder

Get NBA Stats API Player Game Streak Finder

Usage

```
nba_playergamestreakfinder(  
  active_streaks_only = "",  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  draft_year = "",  
  draft_team_id = "",  
  draft_round = "",  
  draft_number = "",  
  et_ast = "",  
  et_blk = "",  
  et_dd = "",  
  et_dreb = "",  
  et_fg3a = "",  
  et_fg3m = "",  
  et_fg3_pct = "",  
  et_fga = "",  
  et_fgm = "",  
  et_fg_pct = "",  
  et_fta = "",  
  et_ftm = "",  
  et_ft_pct = "",  
  et_minutes = "",  
  et_oreb = "",  
  et_pf = "",  
  et_pts = "",  
  et_reb = "",  
  et_stl = "",
```

```
et_td = "",
et_tov = "",
game_id = "",
gt_ast = "",
gt_blk = "",
gt_dd = "",
gt_dreb = "",
gt_fg3a = "",
gt_fg3m = "",
gt_fg3_pct = "",
gt_fga = "",
gt_fgm = "",
gt_fg_pct = "",
gt_fta = "",
gt_ftm = "",
gt_ft_pct = "",
gt_minutes = "",
gt_oreb = "",
gt_pf = "",
gt_pts = "",
gt_reb = "",
gt_stl = "",
gt_td = "",
gt_tov = "",
league_id = "00",
location = "",
lt_ast = "",
lt_blk = "",
lt_dd = "",
lt_dreb = "",
lt_fg3a = "",
lt_fg3m = "",
lt_fg3_pct = "",
lt_fga = "",
lt_fgm = "",
lt_fg_pct = "",
lt_fta = "",
lt_ftm = "",
lt_ft_pct = "",
lt_minutes = "",
lt_oreb = "",
lt_pf = "",
lt_pts = "",
lt_reb = "",
lt_stl = "",
lt_td = "",
lt_tov = "",
min_games = "",
```

```

outcome = "",
po_round = "",
player_id = "",
rookie_year = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
starter_bench = "",
team_id = "",
vs_conference = "",
vs_division = "",
vs_team_id = "",
years_experience = ""
)

```

Arguments

active_streaks_only	active_streaks_only
conference	conference
date_from	date_from
date_to	date_to
division	division
draft_year	draft_year
draft_team_id	draft_team_id
draft_round	draft_round
draft_number	draft_number
et_ast	et_ast
et_blk	et_blk
et_dd	et_dd
et_dreb	et_dreb
et_fg3a	et_fg3a
et_fg3m	et_fg3m
et_fg3_pct	et_fg3_pct
et_fga	et_fga
et_fgm	et_fgm
et_fg_pct	et_fg_pct
et_fta	et_fta
et_ftm	et_ftm
et_ft_pct	et_ft_pct
et_minutes	et_minutes
et_oreb	et_oreb

et_pf	et_pf
et_pts	et_pts
et_reb	et_reb
et_stl	et_stl
et_td	et_td
et_tov	et_tov
game_id	game_id
gt_ast	gt_ast
gt_blk	gt_blk
gt_dd	gt_dd
gt_dreb	gt_dreb
gt_fg3a	gt_fg3a
gt_fg3m	gt_fg3m
gt_fg3_pct	gt_fg3_pct
gt_fga	gt_fga
gt_fgm	gt_fgm
gt_fg_pct	gt_fg_pct
gt_fta	gt_fta
gt_ftm	gt_ftm
gt_ft_pct	gt_ft_pct
gt_minutes	gt_minutes
gt_oreb	gt_oreb
gt_pf	gt_pf
gt_pts	gt_pts
gt_reb	gt_reb
gt_stl	gt_stl
gt_td	gt_td
gt_tov	gt_tov
league_id	league_id
location	location
lt_ast	lt_ast
lt_blk	lt_blk
lt_dd	lt_dd
lt_dreb	lt_dreb
lt_fg3a	lt_fg3a
lt_fg3m	lt_fg3m
lt_fg3_pct	lt_fg3_pct

lt_fga	lt_fga
lt_fgm	lt_fgm
lt_fg_pct	lt_fg_pct
lt_fta	lt_fta
lt_ftm	lt_ftm
lt_ft_pct	lt_ft_pct
lt_minutes	lt_minutes
lt_oreb	lt_oreb
lt_pf	lt_pf
lt_pts	lt_pts
lt_reb	lt_reb
lt_stl	lt_stl
lt_td	lt_td
lt_tov	lt_tov
min_games	min_games
outcome	outcome
po_round	po_round
player_id	player_id
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id
years_experience	years_experience

Value

Return a named list of data frames: `PlayerGameStreakFinderResults`

Author(s)

Saiem Gilani

playerawards	Get NBA Stats API Player Awards
--------------	--

Description**Get NBA Stats API Player Awards****Get NBA Stats API Player Awards****Usage**

```
nba_playerawards(player_id)
```

Arguments

player_id	Player ID
-----------	-----------

Value

Return a named list of data frames: PlayerAwards

Author(s)

Saiem Gilani

playercareerstats	Get NBA Stats API Player Career Stats
-------------------	--

Description**Get NBA Stats API Player Career Stats****Get NBA Stats API Player Career Stats****Usage**

```
nba_playercareerstats(  
  league_id = "00",  
  per_mode = "Totals",  
  player_id = "2544"  
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
player_id	Player ID

Value

Return a named list of data frames: CareerTotalsAllStarSeason, CareerTotalsCollegeSeason, CareerTotalsPostSeason, CareerTotalsRegularSeason, SeasonRankingsPostSeason, SeasonRankingsRegularSeason, SeasonTotalsAllStarSeason, SeasonTotalsCollegeSeason, SeasonTotalsPostSeason, SeasonTotalsRegularSeason

Author(s)

Saiem Gilani

playercompare

Get NBA Stats API Player Compare

Description

Get NBA Stats API Player Compare

Get NBA Stats API Player Compare

Usage

```
nba_playercompare(
  conference = "",
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id_list = "202681,203078,2544,201567,203954",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = "",
  vs_player_id_list = "201566,201939,201935,201142,203076"
)
```


Arguments

conference	conference
date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id_list	Player ID
plus_minus	plus_minus
rank	rank
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division
vs_player_id_list	vs_player_id_list

Value

Return a named list of data frames: Individual, OverallCompare

Author(s)

Saiem Gilani

playerprofilev2 **Get NBA Stats API Player Profile V2**

Description

Get NBA Stats API Player Profile V2

Get NBA Stats API Player Profile V2

Usage

```
nba_playerprofilev2(league_id = "", per_mode = "Totals", player_id = "2544")
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Season - format 2020-21
player_id	Player ID

Value

Return a named list of data frames: CareerHighs, CareerTotalsAllStarSeason, CareerTotalsCollegeSeason, CareerTotalsPostSeason, CareerTotalsPreseason, CareerTotalsRegularSeason, NextGame, SeasonHighs, SeasonRankingsPostSeason, SeasonRankingsRegularSeason, SeasonTotalsAllStarSeason, SeasonTotalsCollegeSeason, SeasonTotalsPostSeason, SeasonTotalsPreseason, SeasonTotalsRegularSeason

Author(s)

Saiem Gilani

playervsplayer **Get NBA Stats API Player vs Player**

Description

Get NBA Stats API Player vs Player

Get NBA Stats API Player vs Player

Usage

```
nba_playervsplayer(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  vs_conference = "",
  vs_division = "",
  vs_player_id = "203076"
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	Player ID
plus_minus	plus_minus

rank	rank
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
vs_conference	vs_conference
vs_division	vs_division
vs_player_id	vs_player_id

Value

Return a named list of data frames: OnOffCourt, Overall, PlayerInfo, ShotAreaOffCourt, ShotAreaOnCourt, ShotAreaOverall, ShotDistanceOffCourt, ShotDistanceOnCourt, ShotDistanceOverall, Vs-PlayerInfo

Author(s)

Saiem Gilani

po_picture

Get NBA Stats API Playoff Picture

Description

Get NBA Stats API Playoff Picture

Get NBA Stats API Playoff Picture

Usage

```
nba_playoffpicture(league_id = "00", season_id = "22020")
```

Arguments

league_id	league_id
season_id	season_id

Value

Return a named list of data frames: EastConfPlayoffPicture, EastConfRemainingGames, EastConfStandings, WestConfPlayoffPicture, WestConfRemainingGames, WestConfStandings

Author(s)

Saiem Gilani

pptpass

Get NBA Stats API Player Dashboard Player Tracking - Passing**Description****Get NBA Stats API Player Dashboard Player Tracking - Passing****Get NBA Stats API Player Dashboard Player Tracking - Passing****Usage**

```
nba_playerdashptpass(
  date_from = "",
  date_to = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
player_id	player_id
season	season
season_segment	season_segment

season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: PassesMade, PassesReceived

Author(s)

Saiem Gilani

pptreb	Get NBA Stats API Player Dashboard Player Tracking - Rebounding
--------	--

Description

Get NBA Stats API Player Dashboard Player Tracking - Rebounding

Get NBA Stats API Player Dashboard Player Tracking - Rebounding

Usage

```
nba_playerdashptreb(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
player_id	player_id
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: NumContestedRebounding, OverallRebounding, RebDistanceRebounding, ShotDistanceRebounding, ShotTypeRebounding

Author(s)

Saiem Gilani

pptshotdefend

Get NBA Stats API Player Dashboard Player Tracking - Defense

Description

Get NBA Stats API Player Dashboard Player Tracking - Defense

Get NBA Stats API Player Dashboard Player Tracking - Defense

Usage

```

nba_playerdashptshotdefend(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
player_id	player_id
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: DefendingShots

Author(s)

Saiem Gilani

pptshots

Get NBA Stats API Player Dashboard Player Tracking - Shots

Description

Get NBA Stats API Player Dashboard Player Tracking - Shots

Get NBA Stats API Player Dashboard Player Tracking - Shots

Usage

```
nba_playerdashptshots(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id

location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
player_id	player_id
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: ClosestDefender10ftPlusShooting, ClosestDefenderShooting, DribbleShooting, GeneralShooting, Overall, ShotClockShooting, TouchTimeShooting

Author(s)

Saiem Gilani

<i>progressively</i>	<i>Progressively</i>
----------------------	----------------------

Description

This function helps add progress-reporting to any function - given function `f()` and progressor `p()`, it will return a new function that calls `f()` and then (on-exiting) will call `p()` after every iteration.

Usage

```
progressively(f, p = NULL)
```

Arguments

<code>f</code>	a function to add progressr functionality to.
<code>p</code>	a progressor function as created by <code>progressr::progressor()</code>

Details

This is inspired by `purrr`'s `safely`, `quietly`, and `possibly` function decorators.

Value

a function that does the same as f but it calls p() after iteration.

p_est_metr

Get NBA Stats API Player Estimated Metrics

Description

Get NBA Stats API Player Estimated Metrics

Get NBA Stats API Player Estimated Metrics

Usage

```
nba_playerestimatedmetrics(
  league_id = "00",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: PlayerEstimatedMetrics

Author(s)

Saiem Gilani

p_game_log

Get NBA Stats API Player Game Log

Description

Get NBA Stats API Player Game Log

Get NBA Stats API Player Game Log

Usage

```
nba_playergamelog(
  date_from = "",
  date_to = "",
  league_id = "00",
  player_id = "2544",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

date_from	date_from
date_to	date_to
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
player_id	Player ID
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: PlayerGameLog

Author(s)

Saiem Gilani

p_gamelogs

Get NBA Stats API Player Game Logs

Description

Get NBA Stats API Player Game Logs

Get NBA Stats API Player Game Logs

Usage

```
nba_playergamelogs(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
```

```

    month = 0,
    opponent_team_id = 0,
    outcome = "",
    po_round = "",
    per_mode = "Totals",
    period = 0,
    player_id = "2544",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    team_id = "",
    vs_conference = "",
    vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_id	Player ID
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: PlayerGameLogs

Author(s)

Saiem Gilani

p_n_g

Get NBA Stats API Player Next N Games**Description****Get NBA Stats API Player Next N Games****Get NBA Stats API Player Next N Games****Usage**

```
nba_playernextngames(
  league_id = "",
  number_of_games = 2147483647,
  player_id = "2544",
  season = "2020-21",
  season_type = "Regular Season"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
number_of_games	N in number of games
player_id	Player ID
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: NextNGames

Author(s)

Saiem Gilani

rds_from_url

Load .rds file from a remote connection**Description****Load .rds file from a remote connection****Usage**

```
rds_from_url(url)
```

Arguments

url a character url

Value

a dataframe as created by [readRDS\(\)](#)

rejoin_schedules	<i>rejoin schedules (when used from league game finder)</i>
------------------	---

Description

rejoin schedules (when used from league game finder)

Usage

```
rejoin_schedules(df)
```

Arguments

df data frame pulled from [nba_leaguegamefinder\(\)](#)

sc	Get NBA Stats API Shot Chart Detail
----	--

Description

Get NBA Stats API Shot Chart Detail

Get NBA Stats API Shot Chart Detail

Usage

```
nba_shotchartdetail(
  context_measure = "FGA",
  date_from = "",
  date_to = "",
  game_id = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  period = 0,
```

```

player_id = "202696",
player_position = "",
rookie_year = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
team_id = 0,
vs_conference = "",
vs_division = ""
)

```

Arguments

context_measure	context_measure
date_from	date_from
date_to	date_to
game_id	game_id
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
period	period
player_id	player_id
player_position	player_position
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: LeagueAverages, Shot_Chart_Detail

Author(s)

Saiem Gilani

schedule	Get NBA Stats API Schedule
----------	-----------------------------------

Description**Get NBA Stats API Schedule****Get NBA Stats API Schedule****Usage**

```
nba_schedule(season = 2021, league = "NBA")
```

Arguments

season	Season - 4 digit integer corresponding to the first year in the season format 2020-21
league	League - default: 'NBA'. Other options include 'all'

Value

Returns a tibble

Author(s)

Saiem Gilani

scoreboard	Get NBA Stats API Scoreboard
------------	-------------------------------------

Description**Get NBA Stats API Scoreboard****Get NBA Stats API Scoreboard****Usage**

```
nba_scoreboard(league_id = "00", game_date = "2021-07-20", day_offset = 0)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_date	Game Date
day_offset	Day Offset (integer 0,-1)

Value

Return a named list of data frames: Available, EastConfStandingsByDay, GameHeader, LastMeeting, LineScore, SeriesStandings, WestConfStandingsByDay

Author(s)

Saiem Gilani

 scoreboardv2

Get NBA Stats API Scoreboard V2

Description

Get NBA Stats API Scoreboard V2

Get NBA Stats API Scoreboard V2

Usage

```
nba_scoreboardv2(league_id = "00", game_date = "2021-07-20", day_offset = 0)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_date	Game Date
day_offset	Day Offset (integer 0,-1)

Value

Return a named list of data frames: Available, EastConfStandingsByDay, GameHeader, LastMeeting, LineScore, SeriesStandings, TeamLeaders, TicketLinks, WestConfStandingsByDay, WinProbability

Author(s)

Saiem Gilani

 sc_lw

Get NBA Stats API Shot Chart League-Wide

Description**Get NBA Stats API Shot Chart League-Wide****Get NBA Stats API Shot Chart League-Wide****Usage**

```
nba_shotchartleaguewide(league_id = "00", season = "2020-21")
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	season

Value

Return a named list of data frames: League_Wide

Author(s)

Saiem Gilani

tbyclutch

Get NBA Stats API Team Dashboard by Clutch Splits

Description**Get NBA Stats API Team Dashboard by Clutch Splits****Get NBA Stats API Team Dashboard by Clutch Splits****Usage**

```
nba_teamdashboardbyclutch(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
```

```

outcome = "",
pace_adjust = "N",
plus_minus = "N",
po_round = "",
per_mode = "Totals",
period = 0,
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
team_id = "1610612749",
vs_conference = "",
vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: Last10Sec3Point2TeamDashboard, Last10Sec3PointTeamDashboard, Last1Min5PointTeamDashboard, Last1MinPlusMinus5PointTeamDashboard, Last30Sec3Point2TeamDashboard, Last30Sec3PointTeamDashboard, Last3Min5PointTeamDashboard, Last3MinPlusMinus5PointTeamDashboard, Last5Min5PointTeamDashboard, Last5MinPlusMinus5PointTeamDashboard, OverallTeamDashboard

Author(s)

Saiem Gilani

 tbygamesplits

 Get NBA Stats API Team Dashboard by Game Splits

Description

Get NBA Stats API Team Dashboard by Game Splits

Get NBA Stats API Team Dashboard by Game Splits

Usage

```
nba_teamdashboardbygamesplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: `ByActualMarginTeamDashboard`, `ByHalfTeamDashboard`, `ByPeriodTeamDashboard`, `ByScoreMarginTeamDashboard`, `OverallTeamDashboard`

Author(s)

Saiem Gilani

tbygeneralsplits Get NBA Stats API Team Dashboard by General Splits

Description**Get NBA Stats API Team Dashboard by General Splits****Get NBA Stats API Team Dashboard by General Splits****Usage**

```
nba_teamdashboardbygeneralsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type

month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: DaysRestTeamDashboard, LocationTeamDashboard, MonthTeamDashboard, OverallTeamDashboard, PrePostAllStarTeamDashboard, WinsLossesTeamDashboard

Author(s)

Saiem Gilani

tbylastngames

Get NBA Stats API Team Dashboard by Last N Games

Description

Get NBA Stats API Team Dashboard by Last N Games

Get NBA Stats API Team Dashboard by Last N Games

Usage

```
nba_teamdashboardbylastngames(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode

period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: GameNumberTeamDashboard, Last10TeamDashboard, Last15TeamDashboard, Last20TeamDashboard, Last5TeamDashboard, OverallTeamDashboard

Author(s)

Saiem Gilani

tbyopponent

Get NBA Stats API Team Dashboard by Opponent

Description

Get NBA Stats API Team Dashboard by Opponent

Get NBA Stats API Team Dashboard by Opponent

Usage

```
nba_teamdashboardbyopponent(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
```

```

    period = 0,
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    team_id = "1610612749",
    vs_conference = "",
    vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: ConferenceTeamDashboard, DivisionTeamDashboard, OpponentTeamDashboard, OverallTeamDashboard

Author(s)

Saiem Gilani

tbyshootingsplits **Get NBA Stats API Team Dashboard by Shooting Splits**

Description**Get NBA Stats API Team Dashboard by Shooting Splits****Get NBA Stats API Team Dashboard by Shooting Splits****Usage**

```
nba_teamdashboardbyshootingsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games

league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: AssistedBy, AssitedShotTeamDashboard, OverallTeamDashboard, Shot5FTTeamDashboard, Shot8FTTeamDashboard, ShotAreaTeamDashboard, ShotTypeTeamDashboard

Author(s)

Saiem Gilani

tbyteamperformance	Get NBA Stats API Team Dashboard by Team Performance
--------------------	---

Description

Get NBA Stats API Team Dashboard by Team Performance

Get NBA Stats API Team Dashboard by Team Performance

Usage

```
nba_teamdashboardbyteamperformance(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode

period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: OverallTeamDashboard, PointsScoredTeamDashboard, PointsAgainstTeamDashboard, ScoreDifferentialTeamDashboard

Author(s)

Saiem Gilani

tbyearoveryear

Get NBA Stats API Team Dashboard Year over Year

Description

Get NBA Stats API Team Dashboard Year over Year

Get NBA Stats API Team Dashboard Year over Year

Usage

```
nba_teamdashboardbyyearoveryear(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
```

```

    period = 0,
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    team_id = "1610612749",
    vs_conference = "",
    vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: ByYearTeamDashboard, OverallTeamDashboard

Author(s)

Saiem Gilani

teamdashlineups

Get NBA Stats API Team Dashboard - Lineups

Description

Get NBA Stats API Team Dashboard - Lineups

Get NBA Stats API Team Dashboard - Lineups

Usage

```
nba_teamdashlineups(  
  date_from = "",  
  date_to = "",  
  game_id = "",  
  game_segment = "",  
  group_quantity = 5,  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  plus_minus = "N",  
  po_round = "",  
  per_mode = "Totals",  
  period = 0,  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  team_id = "1610612749",  
  vs_conference = "",  
  vs_division = ""  
)
```

Arguments

date_from	date_from
date_to	date_to
game_id	game_id
game_segment	game_segment
group_quantity	group_quantity

last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: Lineups, Overall

Author(s)

Saiem Gilani

 teaminfo

 Get NBA Stats API Team Common Info

Description

Get NBA Stats API Team Common Info

Get NBA Stats API Team Common Info

Usage

```
nba_teaminfocommon(
  league_id = "00",
  season = "2020-21",
  season_type = "Regular Season",
  team_id = "1610612749"
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	Team ID

Value

Return a named list of data frames: AvailableSeasons, TeamInfoCommon, TeamSeasonRanks

Author(s)

Saiem Gilani

teams_links	<i>Men's College Basketball KenPom Teams Dictionary Team link KenPom reference lookup for the package</i>
-------------	---

Description

Men's College Basketball KenPom Teams Dictionary Team link KenPom reference lookup for the package

Usage

```
teams_links
```

Format

A data frame with 357 rows and 6 variables:\

Team character.
 Team.link character.
 team.link.ref character.
 Year double.
 Conf character.
 Conf.link character.
 conf.link.ref character.

tg_streak

Get NBA Stats API Team Game Streak Finder

Description

Get NBA Stats API Team Game Streak Finder

Get NBA Stats API Team Game Streak Finder

Usage

```
nba_teamgamestreakfinder(  
  active_streaks_only = "",  
  active_teams_only = "",  
  btr_opp_ast = "",  
  btr_opp_blk = "",  
  btr_opp_dreb = "",  
  btr_opp_fg3a = "",  
  btr_opp_fg3m = "",  
  btr_opp_fg3_pct = "",  
  btr_opp_fga = "",  
  btr_opp_fgm = "",  
  btr_opp_fg_pct = "",  
  btr_opp_fta = "",  
  btr_opp_ftm = "",  
  btr_opp_ft_pct = "",  
  btr_opp_oreb = "",  
  btr_opp_pf = "",  
  btr_opp_pts = "",  
  btr_opp_pts2nd_chance = "",  
  btr_opp_pts_fb = "",  
  btr_opp_pts_off_tov = "",  
  btr_opp_pts_paint = "",  
  btr_opp_reb = "",  
  btr_opp_stl = "",  
  btr_opp_tov = "",  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  et_ast = "",  
  et_blk = "",  
  et_dd = "",  
  et_dreb = "",  
  et_fg3a = "",  
  et_fg3m = "",  
  et_fg3_pct = "",
```

```
et_fga = "",
et_fgm = "",
et_fg_pct = "",
et_fta = "",
et_ftm = "",
et_ft_pct = "",
et_minutes = "",
eq_opp_pts2nd_chance = "",
eq_opp_pts_fb = "",
eq_opp_pts_off_tov = "",
eq_opp_pts_paint = "",
et_oreb = "",
et_pf = "",
et_pts = "",
eq_pts2nd_chance = "",
eq_pts_fb = "",
eq_pts_off_tov = "",
eq_pts_paint = "",
et_reb = "",
et_stl = "",
et_td = "",
et_tov = "",
game_id = "",
gt_ast = "",
gt_blk = "",
gt_dd = "",
gt_dreb = "",
gt_fg3a = "",
gt_fg3m = "",
gt_fg3_pct = "",
gt_fga = "",
gt_fgm = "",
gt_fg_pct = "",
gt_fta = "",
gt_ftm = "",
gt_ft_pct = "",
gt_minutes = "",
gt_opp_ast = "",
gt_opp_blk = "",
gt_opp_dreb = "",
gt_opp_fg3a = "",
gt_opp_fg3m = "",
gt_opp_fg3_pct = "",
gt_opp_fga = "",
gt_opp_fgm = "",
gt_opp_fg_pct = "",
gt_opp_fta = "",
gt_opp_ftm = "",
```

```
gt_opp_ft_pct = "",
gt_opp_oreb = "",
gt_opp_pf = "",
gt_opp_pts = "",
gt_opp_pts2nd_chance = "",
gt_opp_pts_fb = "",
gt_opp_pts_off_tov = "",
gt_opp_pts_paint = "",
gt_opp_reb = "",
gt_opp_stl = "",
gt_opp_tov = "",
gt_oreb = "",
gt_pf = "",
gt_pts = "",
gt_pts2nd_chance = "",
gt_pts_fb = "",
gt_pts_off_tov = "",
gt_pts_paint = "",
gt_reb = "",
gt_stl = "",
gt_td = "",
gt_tov = "",
lstreak = "",
league_id = "00",
location = "",
lt_ast = "",
lt_blk = "",
lt_dd = "",
lt_dreb = "",
lt_fg3a = "",
lt_fg3m = "",
lt_fg3_pct = "",
lt_fga = "",
lt_fgm = "",
lt_fg_pct = "",
lt_fta = "",
lt_ftm = "",
lt_ft_pct = "",
lt_minutes = "",
lt_opp_ast = "",
lt_opp_blk = "",
lt_opp_dreb = "",
lt_opp_fg3a = "",
lt_opp_fg3m = "",
lt_opp_fg3_pct = "",
lt_opp_fga = "",
lt_opp_fgm = "",
lt_opp_fg_pct = "",
```

```
lt_opp_fta = "",
lt_opp_ftm = "",
lt_opp_ft_pct = "",
lt_opp_oreb = "",
lt_opp_pf = "",
lt_opp_pts = "",
lt_opp_pts2nd_chance = "",
lt_opp_pts_fb = "",
lt_opp_pts_off_tov = "",
lt_opp_pts_paint = "",
lt_opp_reb = "",
lt_opp_stl = "",
lt_opp_tov = "",
lt_oreb = "",
lt_pf = "",
lt_pts = "",
lt_pts2nd_chance = "",
lt_pts_fb = "",
lt_pts_off_tov = "",
lt_pts_paint = "",
lt_reb = "",
lt_stl = "",
lt_td = "",
lt_tov = "",
min_games = "",
outcome = "",
po_round = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
team_id = "",
vs_conference = "",
vs_division = "",
vs_team_id = "",
wstreak = "",
wrs_opp_ast = "",
wrs_opp_blk = "",
wrs_opp_dreb = "",
wrs_opp_fg3a = "",
wrs_opp_fg3m = "",
wrs_opp_fg3_pct = "",
wrs_opp_fga = "",
wrs_opp_fgm = "",
wrs_opp_fg_pct = "",
wrs_opp_fta = "",
wrs_opp_ftm = "",
wrs_opp_ft_pct = "",
wrs_opp_oreb = "",
```

```

wrs_opp_pf = "",
wrs_opp_pts = "",
wrs_opp_pts2nd_chance = "",
wrs_opp_pts_fb = "",
wrs_opp_pts_off_tov = "",
wrs_opp_pts_paint = "",
wrs_opp_reb = "",
wrs_opp_stl = "",
wrs_opp_tov = ""
)

```

Arguments

```

active_streaks_only
    active_streaks_only
active_teams_only
    active_teams_only

btr_opp_ast    btr_opp_ast
btr_opp_blk    btr_opp_blk
btr_opp_dreb   btr_opp_dreb
btr_opp_fg3a   btr_opp_fg3a
btr_opp_fg3m   btr_opp_fg3m
btr_opp_fg3_pct
    btr_opp_fg3_pct
btr_opp_fga    btr_opp_fga
btr_opp_fgm    btr_opp_fgm
btr_opp_fg_pct btr_opp_fg_pct
btr_opp_fta    btr_opp_fta
btr_opp_ftm    btr_opp_ftm
btr_opp_ft_pct btr_opp_ft_pct
btr_opp_oreb   btr_opp_oreb
btr_opp_pf     btr_opp_pf
btr_opp_pts    btr_opp_pts
btr_opp_pts2nd_chance
    btr_opp_pts2nd_chance
btr_opp_pts_fb btr_opp_pts_fb
btr_opp_pts_off_tov
    btr_opp_pts_off_tov
btr_opp_pts_paint
    btr_opp_pts_paint
btr_opp_reb    btr_opp_reb
btr_opp_stl    btr_opp_stl

```


btr_opp_tov	btr_opp_tov
conference	conference
date_from	date_from
date_to	date_to
division	division
et_ast	et_ast
et_blk	et_blk
et_dd	et_dd
et_dreb	et_dreb
et_fg3a	et_fg3a
et_fg3m	et_fg3m
et_fg3_pct	et_fg3_pct
et_fga	et_fga
et_fgm	et_fgm
et_fg_pct	et_fg_pct
et_fta	et_fta
et_ftm	et_ftm
et_ft_pct	et_ft_pct
et_minutes	et_minutes
eq_opp_pts2nd_chance	eq_opp_pts2nd_chance
eq_opp_pts_fb	eq_opp_pts_fb
eq_opp_pts_off_tov	eq_opp_pts_off_tov
eq_opp_pts_paint	eq_opp_pts_paint
et_oreb	et_oreb
et_pf	et_pf
et_pts	et_pts
eq_pts2nd_chance	eq_pts2nd_chance
eq_pts_fb	eq_pts_fb
eq_pts_off_tov	eq_pts_off_tov
eq_pts_paint	eq_pts_paint
et_reb	et_reb
et_stl	et_stl
et_td	et_td
et_tov	et_tov

game_id	game_id
gt_ast	gt_ast
gt_blk	gt_blk
gt_dd	gt_dd
gt_dreb	gt_dreb
gt_fg3a	gt_fg3a
gt_fg3m	gt_fg3m
gt_fg3_pct	gt_fg3_pct
gt_fga	gt_fga
gt_fgm	gt_fgm
gt_fg_pct	gt_fg_pct
gt_fta	gt_fta
gt_ftm	gt_ftm
gt_ft_pct	gt_ft_pct
gt_minutes	gt_minutes
gt_opp_ast	gt_opp_ast
gt_opp_blk	gt_opp_blk
gt_opp_dreb	gt_opp_dreb
gt_opp_fg3a	gt_opp_fg3a
gt_opp_fg3m	gt_opp_fg3m
gt_opp_fg3_pct	gt_opp_fg3_pct
gt_opp_fga	gt_opp_fga
gt_opp_fgm	gt_opp_fgm
gt_opp_fg_pct	gt_opp_fg_pct
gt_opp_fta	gt_opp_fta
gt_opp_ftm	gt_opp_ftm
gt_opp_ft_pct	gt_opp_ft_pct
gt_opp_oreb	gt_opp_oreb
gt_opp_pf	gt_opp_pf
gt_opp_pts	gt_opp_pts
gt_opp_pts2nd_chance	gt_opp_pts2nd_chance
gt_opp_pts_fb	gt_opp_pts_fb
gt_opp_pts_off_tov	gt_opp_pts_off_tov
gt_opp_pts_paint	gt_opp_pts_paint
gt_opp_reb	gt_opp_reb

gt_opp_stl	gt_opp_stl
gt_opp_tov	gt_opp_tov
gt_oreb	gt_oreb
gt_pf	gt_pf
gt_pts	gt_pts
gt_pts2nd_chance	gt_pts2nd_chance
gt_pts_fb	gt_pts_fb
gt_pts_off_tov	gt_pts_off_tov
gt_pts_paint	gt_pts_paint
gt_reb	gt_reb
gt_stl	gt_stl
gt_td	gt_td
gt_tov	gt_tov
lstreak	lstreak
league_id	league_id
location	location
lt_ast	lt_ast
lt_blk	lt_blk
lt_dd	lt_dd
lt_dreb	lt_dreb
lt_fg3a	lt_fg3a
lt_fg3m	lt_fg3m
lt_fg3_pct	lt_fg3_pct
lt_fga	lt_fga
lt_fgm	lt_fgm
lt_fg_pct	lt_fg_pct
lt_fta	lt_fta
lt_ftm	lt_ftm
lt_ft_pct	lt_ft_pct
lt_minutes	lt_minutes
lt_opp_ast	lt_opp_ast
lt_opp_blk	lt_opp_blk
lt_opp_dreb	lt_opp_dreb
lt_opp_fg3a	lt_opp_fg3a
lt_opp_fg3m	lt_opp_fg3m
lt_opp_fg3_pct	lt_opp_fg3_pct

lt_opp_fga	lt_opp_fga
lt_opp_fgm	lt_opp_fgm
lt_opp_fg_pct	lt_opp_fg_pct
lt_opp_fta	lt_opp_fta
lt_opp_ftm	lt_opp_ftm
lt_opp_ft_pct	lt_opp_ft_pct
lt_opp_oreb	lt_opp_oreb
lt_opp_pf	lt_opp_pf
lt_opp_pts	lt_opp_pts
lt_opp_pts2nd_chance	lt_opp_pts2nd_chance
lt_opp_pts_fb	lt_opp_pts_fb
lt_opp_pts_off_tov	lt_opp_pts_off_tov
lt_opp_pts_paint	lt_opp_pts_paint
lt_opp_reb	lt_opp_reb
lt_opp_stl	lt_opp_stl
lt_opp_tov	lt_opp_tov
lt_oreb	lt_oreb
lt_pf	lt_pf
lt_pts	lt_pts
lt_pts2nd_chance	lt_pts2nd_chance
lt_pts_fb	lt_pts_fb
lt_pts_off_tov	lt_pts_off_tov
lt_pts_paint	lt_pts_paint
lt_reb	lt_reb
lt_stl	lt_stl
lt_td	lt_td
lt_tov	lt_tov
min_games	min_games
outcome	outcome
po_round	po_round
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id

vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id
wstreak	wstreak
wrs_opp_ast	wrs_opp_ast
wrs_opp_blk	wrs_opp_blk
wrs_opp_dreb	wrs_opp_dreb
wrs_opp_fg3a	wrs_opp_fg3a
wrs_opp_fg3m	wrs_opp_fg3m
wrs_opp_fg3_pct	wrs_opp_fg3_pct
wrs_opp_fga	wrs_opp_fga
wrs_opp_fgm	wrs_opp_fgm
wrs_opp_fg_pct	wrs_opp_fg_pct
wrs_opp_fta	wrs_opp_fta
wrs_opp_ftm	wrs_opp_ftm
wrs_opp_ft_pct	wrs_opp_ft_pct
wrs_opp_oreb	wrs_opp_oreb
wrs_opp_pf	wrs_opp_pf
wrs_opp_pts	wrs_opp_pts
wrs_opp_pts2nd_chance	wrs_opp_pts2nd_chance
wrs_opp_pts_fb	wrs_opp_pts_fb
wrs_opp_pts_off_tov	wrs_opp_pts_off_tov
wrs_opp_pts_paint	wrs_opp_pts_paint
wrs_opp_reb	wrs_opp_reb
wrs_opp_stl	wrs_opp_stl
wrs_opp_tov	wrs_opp_tov

Value

Return a named list of data frames: TeamGameStreakFinderParametersResults

Author(s)

Saiem Gilani

thist_leaders

Get NBA Stats API Team Historical Leaders

Description

Get NBA Stats API Team Historical Leaders

Get NBA Stats API Team Historical Leaders

Usage

```
nba_teamhistoricalleaders(  
  league_id = "00",  
  season_id = "2020",  
  team_id = "1610612749"  
)
```

Arguments

league_id	league_id
season_id	season_id
team_id	team_id

Value

Return a named list of data frames: CareerLeadersByTeam

Author(s)

Saiem Gilani

tp

Get NBA Stats API Team Player Dashboard

Description

Get NBA Stats API Team Player Dashboard

Get NBA Stats API Team Player Dashboard

Usage

```
nba_teamplayerdashboard(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode

period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: PlayersSeasonTotals, TeamOverall

Author(s)

Saiem Gilani

 tp_onoffsummary

 Get NBA Stats API Team Player On/Off Summary

Description

Get NBA Stats API Team Player On/Off Summary

Get NBA Stats API Team Player On/Off Summary

Usage

```
nba_teamplayeronoffsummary(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
```



```

rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
team_id = "1610612749",
vs_conference = "",
vs_division = ""
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: OverallTeamPlayerOnOffSummary, PlayersOffCourtTeamPlayerOnOffSummary, PlayersOnCourtTeamPlayerOnOffSummary

Author(s)

Saiem Gilani

 tp_onoff_det

Get NBA Stats API Team Player On/Off Details

Description**Get NBA Stats API Team Player On/Off Details****Get NBA Stats API Team Player On/Off Details****Usage**

```
nba_teamplayeronoffdetails(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type

month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: OverallTeamPlayerOnOffDetails, PlayersOffCourtTeamPlayerOnOffDetails, PlayersOnCourtTeamPlayerOnOffDetails

Author(s)

Saiem Gilani

t_details

Get NBA Stats API Team Details

Description

Get NBA Stats API Team Details

Get NBA Stats API Team Details

Usage

```
nba_teamdetails(team_id = "1610612749")
```

Arguments

team_id	Team ID
---------	---------

Value

Return a named list of data frames: TeamAwardsChampionships, TeamAwardsConf, TeamAwards-Div, TeamBackground, TeamHistory, TeamHof, TeamRetired, TeamSocialSites

Author(s)

Saiem Gilani

t_est_metr

Get NBA Stats API Team Estimated Metrics

Description

Get NBA Stats API Team Estimated Metrics

Get NBA Stats API Team Estimated Metrics

Usage

```
nba_teamestimatedmetrics(  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season"  
)
```

Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

Value

Return a named list of data frames: TeamEstimatedMetrics

Author(s)

Saiem Gilani

t_gamelog

Get NBA Stats API Team Game Log

Description

Get NBA Stats API Team Game Log

Get NBA Stats API Team Game Log

Usage

```
nba_teamgamelog(  
  date_from = "",  
  date_to = "",  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  team_id = "1610612749"  
)
```

Arguments

date_from	date_from
date_to	date_to
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	Team ID

Value

Return a named list of data frames: TeamGameLog

Author(s)

Saiem Gilani

t_gamelogs

Get NBA Stats API Team Game Logs

Description**Get NBA Stats API Team Game Logs****Get NBA Stats API Team Game Logs****Usage**

```
nba_teamgamelogs(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  player_id = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id

outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_id	Player ID
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: TeamGameLogs

Author(s)

Saiem Gilani

t_ptpass

Get NBA Stats API Team Dashboard Player Tracking - Passing

Description

Get NBA Stats API Team Dashboard Player Tracking - Passing

Get NBA Stats API Team Dashboard Player Tracking - Passing

Usage

```
nba_teamdashptpass(
  date_from = "",
  date_to = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: PassesMade, PassesReceived

Author(s)

Saiem Gilani

t_ptreb

Get NBA Stats API Team Dashboard Player Tracking - Rebounding

Description

Get NBA Stats API Team Dashboard Player Tracking - Rebounding

Get NBA Stats API Team Dashboard Player Tracking - Rebounding

Usage

```
nba_teamdashptreb(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: NumContestedRebounding, OverallRebounding, RebDistanceRebounding, ShotDistanceRebounding, ShotTypeRebounding

Author(s)

Saiem Gilani

t_ptshots

Get NBA Stats API Team Dashboard Player Tracking - Shots

Description

Get NBA Stats API Team Dashboard Player Tracking - Shots

Get NBA Stats API Team Dashboard Player Tracking - Shots

Usage

```
nba_teamdashptshots(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id

location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

Value

Return a named list of data frames: ClosestDefender10ftPlusShooting, ClosestDefenderShooting, DribbleShooting, GeneralShooting, ShotClockShooting, TouchTimeShooting

Author(s)

Saiem Gilani

t_vs_p

Get NBA Stats API Team vs Player

Description

Get NBA Stats API Team vs Player

Get NBA Stats API Team vs Player

Usage

```
nba_teamvsplayer(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
```

```

    po_round = "",
    pace_adjust = "N",
    per_mode = "Totals",
    period = 0,
    player_id = "",
    plus_minus = "N",
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    team_id = "1610612749",
    vs_conference = "",
    vs_division = "",
    vs_player_id = "2544"
)

```

Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	Player ID
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id

```

vs_conference vs_conference
vs_division   vs_division
vs_player_id  vs_player_id

```

Value

Return a named list of data frames: OnOffCourt, Overall, ShotAreaOffCourt, ShotAreaOnCourt, ShotAreaOverall, ShotDistanceOffCourt, ShotDistanceOnCourt, ShotDistanceOverall, vsPlayerOverall

Author(s)

Saiem Gilani

t_yby_stats

Get NBA Stats API Team Year by Year Stats

Description

Get NBA Stats API Team Year by Year Stats

Get NBA Stats API Team Year by Year Stats

Usage

```

nba_teamyearbyyearstats(
  league_id = "00",
  per_mode = "Totals",
  season_type = "Regular Season",
  team_id = "1610612749"
)

```

Arguments

```

league_id      League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode       Per Mode
season_type    Season Type - Regular Season, Playoffs, All-Star
team_id        Team ID

```

Value

Return a named list of data frames: TeamStats

Author(s)

Saiem Gilani

 update_mbb_db

Update or create a hoopR play-by-play database

Description

update_mbb_db() updates or creates a database with hoopR play by play data of all completed and available games since 2006.

Usage

```
update_mbb_db(
  dbdir = ".",
  dbname = "hoopR_db",
  tblname = "hoopR_mbb_pbp",
  force_rebuild = FALSE,
  db_connection = NULL
)
```

Arguments

dbdir	Directory in which the database is or shall be located
dbname	File name of an existing or desired SQLite database within dbdir
tblname	The name of the play by play data table within the database
force_rebuild	Hybrid parameter (logical or numeric) to rebuild parts of or the complete play by play data table within the database (please see details for further information)
db_connection	A DBIConnection object, as returned by <code>DBI::dbConnect()</code> (please see details for further information)

Details

This function creates and updates a data table with the name `tblname` within a SQLite database (other drivers via `db_connection`) located in `dbdir` and named `dbname`. The data table combines all play by play data for every available game back to the 2006 season and adds the most recent completed games as soon as they are available for hoopR.

The argument `force_rebuild` is of hybrid type. It can rebuild the play by play data table either for the whole hoopR era (with `force_rebuild = TRUE`) or just for specified seasons (e.g. `force_rebuild = c(2019, 2020)`). Please note the following behavior:

- `force_rebuild = TRUE`: The data table with the name `tblname` will be removed completely and rebuilt from scratch. This is helpful when new columns are added during the Off-Season.
- `force_rebuild = c(2019, 2020)`: The data table with the name `tblname` will be preserved and only rows from the 2019 and 2020 seasons will be deleted and re-added. This is intended to be used for ongoing seasons because ESPN's data provider can make changes to the underlying data during the week.

The parameter `db_connection` is intended for advanced users who want to use other DBI drivers, such as MariaDB, Postgres or `odbc`. Please note that the arguments `dbdir` and `dbname` are dropped in case a `db_connection` is provided but the argument `tblname` will still be used to write the data table into the database.

Value

Returns a logical value (TRUE/FALSE)

update_nba_db	Update or create a hoopR play-by-play database
---------------	---

Description

`update_nba_db()` updates or creates a database with hoopR play by play data of all completed and available games since 2002.

Usage

```
update_nba_db(
  dbdir = ".",
  dbname = "hoopR_db",
  tblname = "hoopR_nba_pbp",
  force_rebuild = FALSE,
  db_connection = NULL
)
```

Arguments

<code>dbdir</code>	Directory in which the database is or shall be located
<code>dbname</code>	File name of an existing or desired SQLite database within <code>dbdir</code>
<code>tblname</code>	The name of the play by play data table within the database
<code>force_rebuild</code>	Hybrid parameter (logical or numeric) to rebuild parts of or the complete play by play data table within the database (please see details for further information)
<code>db_connection</code>	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code> (please see details for further information)

Details

This function creates and updates a data table with the name `tblname` within a SQLite database (other drivers via `db_connection`) located in `dbdir` and named `dbname`. The data table combines all play by play data for every available game back to the 2002 season and adds the most recent completed games as soon as they are available for hoopR.

The argument `force_rebuild` is of hybrid type. It can rebuild the play by play data table either for the whole hoopR era (with `force_rebuild = TRUE`) or just for specified seasons (e.g. `force_rebuild = c(2019, 2020)`). Please note the following behavior:

- `force_rebuild = TRUE`: The data table with the name `tblname` will be removed completely and rebuilt from scratch. This is helpful when new columns are added during the Off-Season.
- `force_rebuild = c(2019, 2020)`: The data table with the name `tblname` will be preserved and only rows from the 2019 and 2020 seasons will be deleted and re-added. This is intended to be used for ongoing seasons because ESPN's data provider can make changes to the underlying data during the week.

The parameter `db_connection` is intended for advanced users who want to use other DBI drivers, such as MariaDB, Postgres or `odbc`. Please note that the arguments `dbdir` and `dbname` are dropped in case a `db_connection` is provided but the argument `tblname` will still be used to write the data table into the database.

Value

Returns a logical value (TRUE/FALSE)

winprobabilitypbp

Get NBA Stats API Win Probability PBP

Description

Get NBA Stats API Win Probability PBP

Get NBA Stats API Win Probability PBP

Usage

```
nba_winprobabilitypbp(game_id = "0021700807", run_type = "each second")
```

Arguments

`game_id` Game ID

`run_type` Run Type

Value

Return a named list of data frames:

Author(s)

Saiem Gilani

year_to_season	<i>year to season (XXXX -> XXXX-YY)</i>
----------------	--

Description

year to season (XXXX -> XXXX-YY)

Usage

year_to_season(year)

Arguments

year	Four digit year (XXXX)
------	------------------------

Index

- * **Archive**
 - kp_pomeroy_archive_ratings, [77](#)
- * **Arenas**
 - kp_arenas, [58](#)
- * **Betting**
 - espn_mbb_betting, [32](#)
 - espn_nba_betting, [38](#)
- * **Box**
 - espn_mbb_player_box, [35](#)
 - espn_mbb_team_box, [38](#)
 - espn_nba_player_box, [40](#)
 - espn_nba_team_box, [42](#)
 - kp_box, [58](#)
- * **CBB**
 - espn_mbb_conferences, [33](#)
 - espn_mbb_game_all, [33](#)
 - espn_mbb_pbp, [34](#)
 - espn_mbb_player_box, [35](#)
 - espn_mbb_team_box, [38](#)
- * **Career**
 - kp_player_career, [76](#)
- * **Chart**
 - kp_team_depth_chart, [81](#)
 - kp_team_lineups, [84](#)
- * **Coach**
 - kp_coach_history, [59](#)
- * **Comparison**
 - kp_confstats, [65](#)
- * **Conferences**
 - espn_mbb_conferences, [33](#)
- * **Conference**
 - kp_conf, [60](#)
 - kp_confhistory, [64](#)
 - kp_confstats, [65](#)
- * **Depth**
 - kp_team_depth_chart, [81](#)
 - kp_team_lineups, [84](#)
- * **Efficiency**
 - kp_efficiency, [67](#)
- * **Factors**
 - kp_fourfactors, [69](#)
- * **FanMatch**
 - kp_fanmatch, [67](#)
- * **Foul**
 - kp_foul_trouble, [68](#)
- * **Four**
 - kp_fourfactors, [69](#)
- * **Game**
 - espn_mbb_game_all, [33](#)
 - espn_nba_game_all, [39](#)
 - kp_box, [58](#)
 - kp_game_attrs, [70](#)
 - kp_gameplan, [70](#)
- * **HCA**
 - kp_hca, [71](#)
- * **History**
 - kp_coach_history, [59](#)
 - kp_confhistory, [64](#)
 - kp_team_history, [82](#)
- * **Internal**
 - check_status, [18](#)
- * **Leaders**
 - kp_kpoy, [72](#)
- * **Login**
 - kp_user_pw, [87](#)
- * **MBB**
 - espn_mbb_betting, [32](#)
 - espn_mbb_standings, [37](#)
 - espn_mbb_teams, [37](#)
- * **Matrix**
 - kp_minutes_matrix, [73](#)
- * **Minutes**
 - kp_minutes_matrix, [73](#)
- * **NBA**
 - espn_nba_betting, [38](#)
 - espn_nba_game_all, [39](#)
 - espn_nba_pbp, [39](#)
 - espn_nba_player_box, [40](#)

- espn_nba_standings, 41
- espn_nba_team_box, 42
- espn_nba_teams, 42
- * **Opponent**
 - kp_opptracker, 74
- * **PBP**
 - espn_mbb_pbp, 34
 - espn_nba_pbp, 39
- * **Plan**
 - kp_gameplan, 70
- * **Player**
 - espn_mbb_player_box, 35
 - espn_nba_player_box, 40
 - kp_player_career, 76
 - kp_playerstats, 75
 - kp_team_player_stats, 85
 - kp_team_players, 85
- * **Points**
 - kp_pointdist, 76
- * **Probability**
 - kp_winprob, 88
- * **Program**
 - kp_program_ratings, 79
- * **Ratings**
 - kp_pomeroy_archive_ratings, 77
 - kp_pomeroy_ratings, 78
 - kp_program_ratings, 79
- * **Refs**
 - kp_officials, 73
 - kp_referee, 80
- * **Roster**
 - kp_height, 72
- * **Schedule**
 - kp_team_schedule, 86
- * **Score**
 - kp_box, 58
- * **Standings**
 - espn_mbb_standings, 37
 - espn_nba_standings, 41
- * **Stats**
 - kp_conf, 60
 - kp_player_career, 76
 - kp_team_player_stats, 85
 - kp_team_players, 85
- * **Teams**
 - espn_mbb_teams, 37
 - espn_nba_teams, 42
- * **Team**
 - espn_mbb_team_box, 38
 - espn_nba_team_box, 42
 - kp_team_history, 82
 - kp_team_player_stats, 85
 - kp_team_players, 85
 - kp_team_schedule, 86
 - kp_teamstats, 81
- * **Tracker**
 - kp_opptracker, 74
- * **Trends**
 - kp_trends, 86
- * **Trouble**
 - kp_foul_trouble, 68
- * **Util**
 - clean_team_names_NCAA_merge, 18
- * **Win**
 - kp_winprob, 88
- * **datasets**
 - nba_teams, 143
 - teams_links, 203
- allplayers, 6
- alltime, 7
- assist_tracker, 8
- assists, 7
- base::tempdir, 24
- bs_adv2, 9
- bs_defensive, 10
- bs_ffv2, 10
- bs_match, 11
- bs_miscv2, 12
- bs_pt_v2, 13
- bs_scoringv2, 13
- bs_similarity, 14
- bs_summaryv2, 15
- bs_tradv2, 16
- bs_usagev2, 17
- check_status, 18
- clean_team_names_NCAA_merge, 18
- commonplayerinfo, 19
- commonplayoffseries, 19
- commonteamroster, 20
- csv_from_url, 21
- cumestatsplayer, 24
- cumestatsplayergames, 25
- cumestatsteam, 26
- cumestatsteamgames, 27

- data.table::fread, 21
- data.table::fread(), 24
- DBI::dbConnect(), 230, 231
- dboard, 28
- dcombine_anthro, 29
- dcombine_drill, 29
- dcombine_nsshooting, 30
- dcombine_sshooting, 30
- dcombine_stats, 31
- defensehub, 31

- espn_mbb_betting, 32
- espn_mbb_conferences, 33
- espn_mbb_game_all, 33
- espn_mbb_pbp, 34
- espn_mbb_player_box, 35
- espn_mbb_rankings, 35
- espn_mbb_scoreboard, 36
- espn_mbb_standings, 37
- espn_mbb_team_box, 38
- espn_mbb_teams, 37
- espn_nba_betting, 38
- espn_nba_game_all, 39
- espn_nba_pbp, 39
- espn_nba_player_box, 40
- espn_nba_scoreboard, 41
- espn_nba_standings, 41
- espn_nba_team_box, 42
- espn_nba_teams, 42

- fantasywidget, 43
- franchisehistory, 44
- franchiseleaders, 45
- franchiseplayers, 46

- gl_bs_similarity, 46

- has_kp_user_and_pw(kp_user_pw), 87
- homepageleaders, 47
- homepagev2, 48
- hustle_bs, 49
- hustle_p, 50
- hustle_pl, 52
- hustle_t, 54
- hustle_tl, 56

- kp_arenas, 58
- kp_box, 58
- kp_coach_history, 59

- kp_conf, 60
- kp_confhistory, 64
- kp_confstats, 65
- kp_efficiency, 67
- kp_fanmatch, 67
- kp_foul_trouble, 68
- kp_fourfactors, 69
- kp_game_attrs, 70
- kp_gameplan, 70
- kp_hca, 71
- kp_height, 72
- kp_kpoy, 72
- kp_minutes_matrix, 73
- kp_officials, 73
- kp_opptracker, 74
- kp_password(kp_user_pw), 87
- kp_player_career, 76
- kp_playerstats, 75
- kp_pointdist, 76
- kp_pomeroy_archive_ratings, 77
- kp_pomeroy_ratings, 78
- kp_program_ratings, 79
- kp_referee, 80
- kp_team_depth_chart, 81
- kp_team_history, 82
- kp_team_lineups, 84
- kp_team_player_stats, 85
- kp_team_players, 85
- kp_team_schedule, 86
- kp_teamstats, 81
- kp_trends, 86
- kp_user_email(kp_user_pw), 87
- kp_user_pw, 87
- kp_winprob, 88

- l_gamelog, 136
- l_standings, 137
- l_standingsv3, 138
- ld_oppptshot, 89
- ld_pbiostats, 91
- ld_pclutch, 93
- ld_pptshot, 96
- ld_pshotloc, 98
- ld_pstats, 101
- ld_ptdefend, 103
- ld_ptstats, 105
- ld_ptteamdefend, 107
- ld_tclutch, 109
- ld_tptshot, 111

- ld_tshotloc, 113
- ld_tstats, 115
- leaderstiles, 117
- leaguedashlineups, 118
- leagueleaders, 120
- leaguelineupviz, 121
- leagueplayerondetails, 123
- leagueseasonmatchups, 124
- lg_streak, 125
- load_mbb_pbp, 130
- load_mbb_player_box, 131
- load_mbb_schedule, 131
- load_mbb_team_box, 132
- load_nba_pbp, 133
- load_nba_player_box, 134
- load_nba_schedule, 135
- load_nba_team_box, 135
- login (kp_user_pw), 87
- make.names, 23
- matchupsrollup, 139
- mbb (update_mbb_db), 230
- mbb_db (update_mbb_db), 230
- mbb_pbp_db (update_mbb_db), 230
- most_recent_mbb_season, 140
- most_recent_nba_season, 140
- nba (update_nba_db), 231
- nba_alltimeleadersgrids (alltime), 7
- nba_assistleaders (assists), 7
- nba_assisttracker (assist_tracker), 8
- nba_boxscoreadvancedv2 (bs_adv2), 9
- nba_boxscoredefensive (bs_defensive), 10
- nba_boxscorefourfactorsv2 (bs_ffv2), 10
- nba_boxscorematchups (bs_match), 11
- nba_boxscoremiscv2 (bs_miscv2), 12
- nba_boxscoreplayertrackv2 (bs_pt_v2), 13
- nba_boxscorescoringv2 (bs_scoringv2), 13
- nba_boxscoresimilarityscore (bs_similarity), 14
- nba_boxscoresummaryv2 (bs_summaryv2), 15
- nba_boxscoretraditionalv2 (bs_tradv2), 16
- nba_boxscoreusagev2 (bs_usagev2), 17
- nba_commonallplayers (allplayers), 6
- nba_commonplayerinfo (commonplayerinfo), 19
- nba_commonplayoffseries (commonplayoffseries), 19
- nba_commonteamroster (commonteamroster), 20
- nba_cumestatsplayer (cumestatsplayer), 24
- nba_cumestatsplayergames (cumestatsplayergames), 25
- nba_cumestatsteam (cumestatsteam), 26
- nba_cumestatsteamgames (cumestatsteamgames), 27
- nba_data_pbp, 140
- nba_db (update_nba_db), 231
- nba_defensehub (defensehub), 31
- nba_draftboard (dboard), 28
- nba_draftcombinedrillresults (dcombine_drill), 29
- nba_draftcombinenonstationaryshooting (dcombine_nsshooting), 30
- nba_draftcombineplayeranthro (dcombine_anthro), 29
- nba_draftcombinespotshooting (dcombine_ssshooting), 30
- nba_draftcombinedstats (dcombine_stats), 31
- nba_fantasywidget (fantasywidget), 43
- nba_franchisehistory (franchisehistory), 44
- nba_franchiseleaders (franchiseleaders), 45
- nba_franchiseplayers (franchiseplayers), 46
- nba_glalumboxscoresimilarityscore (gl_bs_similarity), 46
- nba_homepageleaders (homepageleaders), 47
- nba_homepagev2 (homepagev2), 48
- nba_hustlestatsboxscore (hustle_bs), 49
- nba_leaderstiles (leaderstiles), 117
- nba_leaguedashlineups (leaguedashlineups), 118
- nba_leaguedashoppptshot (ld_oppptshot), 89
- nba_leaguedashplayerbiostats (ld_pbiostats), 91
- nba_leaguedashplayerclutch (ld_pclutch), 93
- nba_leaguedashplayerpshot (ld_pptshot), 96
- nba_leaguedashplayershotlocations

- (ld_pshotloc), 98
- nba_leaguedashplayerstats (ld_pstats), 101
- nba_leaguedashptdefend (ld_ptdefend), 103
- nba_leaguedashptstats (ld_ptstats), 105
- nba_leaguedashptteamdefend (ld_ptteamdefend), 107
- nba_leaguedashteamclutch (ld_tclutch), 109
- nba_leaguedashteamptshot (ld_tptshot), 111
- nba_leaguedashteamshotlocations (ld_tshotloc), 113
- nba_leaguedashteamstats (ld_tstats), 115
- nba_leaguegamefinder (lg_streak), 125
- nba_leaguegameblog (l_gamelog), 136
- nba_leaguehustlestatsplayer (hustle_p), 50
- nba_leaguehustlestatsplayerleaders (hustle_pl), 52
- nba_leaguehustlestatsteam (hustle_t), 54
- nba_leaguehustlestatsteamleaders (hustle_tl), 56
- nba_leagueleaders (leagueleaders), 120
- nba_leaguelineupviz (leaguelineupviz), 121
- nba_leagueplayerondetails (leagueplayerondetails), 123
- nba_leagueseasonmatchups (leagueseasonmatchups), 124
- nba_leaguestandings (l_standings), 137
- nba_leaguestandingsv3 (l_standingsv3), 138
- nba_matchupsrollup (matchupsrollup), 139
- nba_pbp (pbp), 145
- nba_pbp_db (update_nba_db), 231
- nba_playerawards (playerawards), 167
- nba_playercareerbycollege (pcareerbycollege), 159
- nba_playercareerbycollegerollup (pcareerbycollege_ru), 159
- nba_playercareerstats (playercareerstats), 167
- nba_playercompare (playercompare), 168
- nba_playerdashboardbyclutch (pbyclutch), 145
- nba_playerdashboardbygamesplits (pbygamesplits), 147
- nba_playerdashboardbygeneralsplits (pbygeneralsplits), 149
- nba_playerdashboardbylastngames (pbylastngames), 150
- nba_playerdashboardbyopponent (pbyopponent), 152
- nba_playerdashboardbyshootingsplits (pbyshootingsplits), 154
- nba_playerdashboardbyteamperformance (pbyteamperformance), 155
- nba_playerdashboardbyyearoveryear (pbyyearoveryear), 157
- nba_playerdashptpass (pptpass), 173
- nba_playerdashptreb (pptreb), 174
- nba_playerdashptshotdefend (pptshotdefend), 175
- nba_playerdashptshots (pptshots), 177
- nba_playerestimatedmetrics (p_est_metr), 179
- nba_playerfantasyprofile (pfantasy), 160
- nba_playerfantasyprofilebargraph (pfantasy_bg), 161
- nba_playergameblog (p_gamelog), 179
- nba_playergameblogs (p_gameblogs), 180
- nba_playergamestreakfinder (pg_streak), 162
- nba_playernextngames (p_n_g), 182
- nba_playerprofilev2 (playerprofilev2), 170
- nba_playervsplayer (playervsplayer), 170
- nba_playoffpicture (po_picture), 172
- nba_schedule (schedule), 185
- nba_scoreboard (scoreboard), 185
- nba_scoreboardv2 (scoreboardv2), 186
- nba_shotchartdetail (sc), 183
- nba_shotchartleaguewide (sc_lw), 187
- nba_stats_videodetails, 141
- nba_stats_videoevents, 143
- nba_teamdashboardbyclutch (tbyclutch), 187
- nba_teamdashboardbygamesplits (tbygamesplits), 189
- nba_teamdashboardbygeneralsplits (tbygeneralsplits), 191
- nba_teamdashboardbylastngames (tbylastngames), 192
- nba_teamdashboardbyopponent

- (tbyopponent), 194
- nba_teamdashboardbyshootingsplits (tbyshootingsplits), 196
- nba_teamdashboardbyteamperformance (tbyteamperformance), 197
- nba_teamdashboardbyyearoveryear (tbyyearoveryear), 199
- nba_teamdashlineups (teamdashlineups), 201
- nba_teamdashptpass (t_ptpass), 223
- nba_teamdashptreb (t_ptreb), 224
- nba_teamdashptshots (t_ptshots), 226
- nba_teamdetails (t_details), 219
- nba_teamestimatedmetrics (t_est_metr), 220
- nba_teamgamelog (t_gamelog), 221
- nba_teamgamelogs (t_gamelogs), 222
- nba_teamgamestreakfinder (tg_streak), 204
- nba_teamhistoricalleaders (thist_leaders), 214
- nba_teaminfocommon (teaminfo), 202
- nba_teamplayerdashboard (tp), 214
- nba_teamplayeronoffdetails (tp_onoff_det), 218
- nba_teamplayeronoffsummary (tp_onoffsummary), 216
- nba_teams, 143
- nba_teamvsplayer (t_vs_p), 227
- nba_teamyearbyyearstats (t_yby_stats), 229
- nba_videodetails (nba_stats_videodetails), 141
- nba_videoevents (nba_stats_videoevents), 143
- nba_videostatus (nba_stats_videoevents), 143
- nba_winprobabilitypbp (winprobabilitypbp), 232
- ncaa_mbb_NET_rankings, 144

- p_est_metr, 179
- p_gamelog, 179
- p_gamelogs, 180
- p_n_g, 182
- path.expand, 21
- pbp, 145
- pbyclutch, 145
- pbygamesplits, 147
- pbygeneralsplits, 149
- pbylastngames, 150
- pbyopponent, 152
- pbyshootingsplits, 154
- pbyteamperformance, 155
- pbyyearoveryear, 157
- pcareerbycollege, 159
- pcareerbycollege_ru, 159
- pfantasy, 160
- pfantasy_bg, 161
- pg_streak, 162
- playerawards, 167
- playercareerstats, 167
- playercompare, 168
- playerprofilev2, 170
- playervsplayer, 170
- po_picture, 172
- pptpass, 173
- pptreb, 174
- pptshotdefend, 175
- pptshots, 177
- progressively, 178

- rds_from_url, 182
- readRDS(), 183
- rejoin_schedules, 183

- sc, 183
- sc_lw, 187
- schedule, 185
- scoreboard, 185
- scoreboardv2, 186
- setindexv, 23
- setkey, 23

- t_details, 219
- t_est_metr, 220
- t_gamelog, 221
- t_gamelogs, 222
- t_ptpass, 223
- t_ptreb, 224
- t_ptshots, 226
- t_vs_p, 227
- t_yby_stats, 229
- tbyclutch, 187
- tbygamesplits, 189
- tbygeneralsplits, 191
- tbylastngames, 192
- tbyopponent, 194

[tbyshootingsplits](#), 196
[tbyteamperformance](#), 197
[tbyyearoveryear](#), 199
[teamdashlineups](#), 201
[teaminfo](#), 202
[teams_links](#), 203
[tg_streak](#), 204
[thist_leaders](#), 214
[tp](#), 214
[tp_onoff_det](#), 218
[tp_onoffsummary](#), 216

[update_mbb_db](#), 230
[update_nba_db](#), 231
[utils::read.csv](#), 22
[utils::write.csv](#), 24

[winprobabilitypbp](#), 232

[yaml.load](#), 23
[year_to_season](#), 233