Package ‘uncmbb’

October 28, 2019

Type Package
Title UNC Men's Basketball Match Results Since 1949-1950 Season
Version 0.2.1
Description Dataset contains select attributes for each match result since 1949-1950 season for UNC men's basketball team.
Depends R (>= 3.3.0)
License CC0
Encoding UTF-8
LazyData true
URL http://github.com/joongsup/uncmbb
BugReports https://github.com/joongsup/uncmbb/issues
RoxygenNote 6.1.1
Imports dplyr, rlang
Suggests testthat, covr
NeedsCompilation no
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Repository CRAN
Date/Publication 2019-10-28 19:30:02 UTC

R topics documented:

duke .......................................................... 2
mbb_champ_season ........................................ 2
mbb_season_result ........................................ 3
unc .......................................................... 4

Index 5
**duke**

*Duke Men’s Basketball Match Results From 1949 - 1950 Season.*

**Description**

Duke men’s basketball match results from 1949 - 1950 season. Data is scraped from http://www.sports-reference.com/cbb/schools/duke/, and according to the source, may contain missing records especially for matches with non Div-1 teams prior to 1995 - 1996 season. No missing records were found.

**Usage**

duke

**Format**

A data frame with variables:

- **Season** season year, ending
- **Game_Date** date of match, y-m-d
- **Game_Day** day of match
- **Type** match type, one of REG, CTOURN, NIT, or NCAA
- **Where** match location, one of H(ome), A(way), or N(eutral)
- **Opponent_School** match opponent
- **Result** match result, W for Duke win
- **Tm** Duke score in the match
- **Opp** opponent’s score in the match
- **OT** overtime indicator, one of OT, 2OT, or 3OT

**Source**

http://www.sports-reference.com/cbb/schools/duke/

**mbb_champ_season**

*Get NCAA championship winning seasons from a team’s historical match data.*

**Description**

Get NCAA championship winning seasons from a team’s historical match data.

**Usage**

mbb_champ_season(df, type = “NCAA”)
**mbb_season_result**

**Arguments**

- **df**
  - Input data frame containing a team’s historical match data that are included in uncmmb package.

- **type**
  - Match type. NCAA (default).

**Value**

- Team’s championship (either NCAA or CTOURN) winning seasons (if any).

**Examples**

```r
mbb_champ_season(unc)
```

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**mbb_season_result**

Get season’s win/loss summary for all match types.

**Description**

Get season’s win/loss summary for all match types.

**Usage**

```r
mbb_season_result(df)
```

**Arguments**

- **df**
  - Input data frame containing a team’s historical match data that are included in uncmmb package.

**Value**

- A data frame containing number of games, wins, losses, win

**Examples**

```r
mbb_season_result(unc)
```
Description

UNC men’s basketball match results from 1949 - 1950 season. Data is scraped from http://www.sports-reference.com/cbb/schools/north-carolina/, and according to the source, may contain missing records especially for matches with non Div-1 teams prior to 1995 - 1996 season. Those missing records were later filled in using data from other source (http://www.tarheeltimes.com/schedulebasketball-1949.aspx)

Usage

unc

Format

A data frame with variables:

- **Season** season year, ending
- **Game_Date** date of match, y-m-d
- **Game_Day** day of match
- **Type** match type, one of REG, CTOURN, NIT, or NCAA
- **Where** match location, one of H(ome), A(way), or N(eutral)
- **Opponent_School** match opponent
- **Result** match result, W for UNC win
- **Tm** UNC score in the match
- **Opp** opponent’s score in the match
- **OT** overtime indicator, one of OT, 2OT, or 3OT

Source

Index

*Topic datasets
  duke, 2
  unc, 4

duke, 2

mbb_champ_season, 2
mbb_season_result, 3

unc, 4