Package ‘uncmbb’

January 5, 2021

Type   Package
Title  UNC Men's Basketball Match Results Since 1949-1950 Season
Version 0.2.2
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 https://github.com/joongsup/uncmbb

BugReports https://github.com/joongsup/uncmbb/issues
RoxygenNote 7.1.1
Imports dplyr, rlang
Suggests testthat, covr
NeedsCompilation no
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Repository CRAN
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**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 https://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, yyyy-mm-dd
- **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 NA, OT, 2OT, or 3OT

**Source**
https://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

\begin{itemize}
\item \textbf{df} \hspace{1cm} \text{Input data frame containing a team’s historical match data that are included in uncmbb package.}
\item \textbf{type} \hspace{1cm} \text{Match type. NCAA (default).}
\end{itemize}

Value

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

Examples

\texttt{mbb\_champ\_season(unc)}

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\textbf{mbb\_season\_result} \hspace{1cm} \textit{Get season’s win/loss summary for all match types.}

Description

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

Usage

\texttt{mbb\_season\_result(df)}

Arguments

\begin{itemize}
\item \textbf{df} \hspace{1cm} \text{Input data frame containing a team’s historical match data that are included in uncmbb package.}
\end{itemize}

Value

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

Examples

\texttt{mbb\_season\_result(unc)}
Description

UNC men’s basketball match results from 1949 - 1950 season. Data is scraped from https://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, yyyy-mm-dd
- **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 NA, OT, 2OT, or 3OT

Source

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