

referees-cpmr

Charles Adedotun

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```
## Installing package into '/Users/runner/work/_temp/Library'
## (as 'lib' is unspecified)

##
## The downloaded binary packages are in
## /var/folders/24/8k48jl6d249_n_qfxwsl6xvm0000gn/T//Rtmpk7JHkA/downloaded_packages

## -- Attaching packages ----- tidyverse 1.3.2 --
## v ggplot2 3.3.6      v purrr  0.3.5
## v tibble  3.1.8      v dplyr  1.0.10
## v tidyr   1.2.1      v stringr 1.4.1
## v readr   2.1.3      v forcats 0.5.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()

raw_data <- read.csv("../scraped-data/referees.csv")
raw_data <- as_tibble(raw_data)

head(raw_data)

## # A tibble: 0 x 4
## # ... with 4 variables: Referee <lgl>, Matches <lgl>, Red.cards <lgl>,
## #   Yellow.cards <lgl>

raw_columns <- raw_data %>% select(Referee, Matches, Yellow.cards)
head(raw_columns)

## # A tibble: 0 x 3
## # ... with 3 variables: Referee <lgl>, Matches <lgl>, Yellow.cards <lgl>

new_table <- raw_columns %>% mutate(yellow_card_ratio = Yellow.cards / Matches)
new_table <- new_table[order(-new_table$yellow_card_ratio),]
head(new_table)

## # A tibble: 0 x 4
## # ... with 4 variables: Referee <lgl>, Matches <lgl>, Yellow.cards <lgl>,
## #   yellow_card_ratio <dbl>
```

```
data <- new_table %>% select(Referee, yellow_card_ratio)
head(data)

## # A tibble: 0 x 2
## # ... with 2 variables: Referee <lgl>, yellow_card_ratio <dbl>

write_csv(data, "../cleaned-data/referees-cpmr.csv", row.names = FALSE)
```