teams-cpmr

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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//RtmpYsCLYX/downloaded_packages
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.2 --
## v ggplot2 3.3.6      v purrr   0.3.4
## v tibble  3.1.8      v dplyr   1.0.9
## v tidyr   1.2.0      v stringr 1.4.0
## v readr   2.1.2      v forcats 0.5.1
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
raw_data <- read.csv("../scraped-data/discipline.csv")
raw_data <- as_tibble(raw_data)
```

```r
raw_columns <- raw_data %>% select(Team, Matches, Yellow.Cards)
head(raw_columns)
```

```
## # A tibble: 2 x 3
##   Team              Matches Yellow.Cards
##   <chr>               <int>        <int>
## 1 "  Crystal Palace "     1            1
## 2 "  Arsenal "            1            2
```

```r
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: 2 x 4
##   Team              Matches Yellow.Cards yellow_card_ratio
##   <chr>               <int>        <int>             <dbl>
## 1 "  Arsenal "            1            2                 2
## 2 "  Crystal Palace "     1            1                 1
```

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

```
## # A tibble: 2 x 2
##   Team              yellow_card_ratio
##   <chr>                         <dbl>
## 1 "  Arsenal "                      2
## 2 "  Crystal Palace "               1
```

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