

ETC5513-Assignment3

```
library(tidyverse)
```

Warning: package 'ggplot2' was built under R version 4.3.3

Warning: package 'purrr' was built under R version 4.3.3

Warning: package 'lubridate' was built under R version 4.3.3

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
```

```
v dplyr      1.1.4      v readr      2.1.5
```

```
v forcats    1.0.0      v stringr    1.5.1
```

```
v ggplot2    3.5.2      v tibble     3.2.1
```

```
v lubridate  1.9.4      v tidyr      1.3.1
```

```
v purrr      1.0.4
```

```
-- Conflicts ----- tidyverse_conflicts() --
```

```
x dplyr::filter() masks stats::filter()
```

```
x dplyr::lag()     masks stats::lag()
```

```
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
epl_raw <- read.csv("data/epl_final.csv")
```

```
epl_data <- epl_raw %>%
```

```
  select(
```

```
    Season,
```

```
    HomeTeam, AwayTeam,
```

```
    FullTimeHomeGoals, FullTimeAwayGoals,
```

```
    FullTimeResult,
```

```
    HomeShots, AwayShots
```

```
  )
```

```
epl_processed <- epl_data %>%
```

```
mutate(  
  TotalShots = HomeShots + AwayShots  
)
```

Executive Summary

Introduction

Methodology

Results

Discussion, Conclusion & Recommendations

References