An analysis of English Premier League Data from 1992-2022

2024-10-24

# An Introduction to the Data

Dataset is thanks to Evan Gower on Kaggle, and can be found at: <https://www.kaggle.com/datasets/evangower/premier-league-matches-19922022>

Each entry represents an English Premier League match with the following information:

* **Season\_End\_Year** - The Year that the Season ends in.
* **Wk** - The Game Week.
* **Date** - Date the Game took place on.
* **Home** - The Home Team.
* **HomeGoals** - Amount of Goals scored by the Home Team.
* **AwayGoals** - Amount of Goals scored by the Away Team.
* **Away** - The Away Team.
* **FTR** - Full Time Result. (H - Home Win, D - Draw, A - Away Win)

## Season\_End\_Year Wk Date Home HomeGoals AwayGoals  
## 1 1993 1 1992-08-15 Coventry City 2 1  
## 2 1993 1 1992-08-15 Leeds United 2 1  
## 3 1993 1 1992-08-15 Sheffield Utd 2 1  
## 4 1993 1 1992-08-15 Crystal Palace 3 3  
## 5 1993 1 1992-08-15 Arsenal 2 4  
## 6 1993 1 1992-08-15 Ipswich Town 1 1  
## Away FTR  
## 1 Middlesbrough H  
## 2 Wimbledon H  
## 3 Manchester Utd H  
## 4 Blackburn D  
## 5 Norwich City A  
## 6 Aston Villa D

# How many unique teams have played in the Premier League?

all\_epl\_sides <- sort(unique(c(results$Home, results$Away)))  
length(all\_epl\_sides)

## [1] 50

all\_epl\_sides

## [1] "Arsenal" "Aston Villa" "Barnsley" "Birmingham City"  
## [5] "Blackburn" "Blackpool" "Bolton" "Bournemouth"   
## [9] "Bradford City" "Brentford" "Brighton" "Burnley"   
## [13] "Cardiff City" "Charlton Ath" "Chelsea" "Coventry City"   
## [17] "Crystal Palace" "Derby County" "Everton" "Fulham"   
## [21] "Huddersfield" "Hull City" "Ipswich Town" "Leeds United"   
## [25] "Leicester City" "Liverpool" "Manchester City" "Manchester Utd"   
## [29] "Middlesbrough" "Newcastle Utd" "Norwich City" "Nott'ham Forest"  
## [33] "Oldham Athletic" "Portsmouth" "QPR" "Reading"   
## [37] "Sheffield Utd" "Sheffield Weds" "Southampton" "Stoke City"   
## [41] "Sunderland" "Swansea City" "Swindon Town" "Tottenham"   
## [45] "Watford" "West Brom" "West Ham" "Wigan Athletic"   
## [49] "Wimbledon" "Wolves"

## Which Teams have played the most Games?

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.