# Premier League 2019/20 season analysis

This is a document for analyzing the Premier League seasonal performance of players and teams

Loading Required Packages

## Loading Required Datasets

#### Column names of the datasets

```
colnames(table)
   [1] "Position"
                    "Team.Name" "Played"
                                             "Won"
                                                         "Drawn"
                                                                      "Lost"
   [7] "GF"
                    "GA"
                                 "GD"
                                             "Points"
colnames(assists)
## [1] "Rank"
                     "Player"
                                    "Club"
                                                  "Nationality" "Assists"
colnames(goals)
## [1] "Rank"
                      "Player"
                                      "Club"
                                                     "Nationality" "goals_scored"
colnames(clean_sheets)
                                                     "Nationality" "clean_sheets"
## [1] "Rank"
                      "Player"
                                      "Club"
```

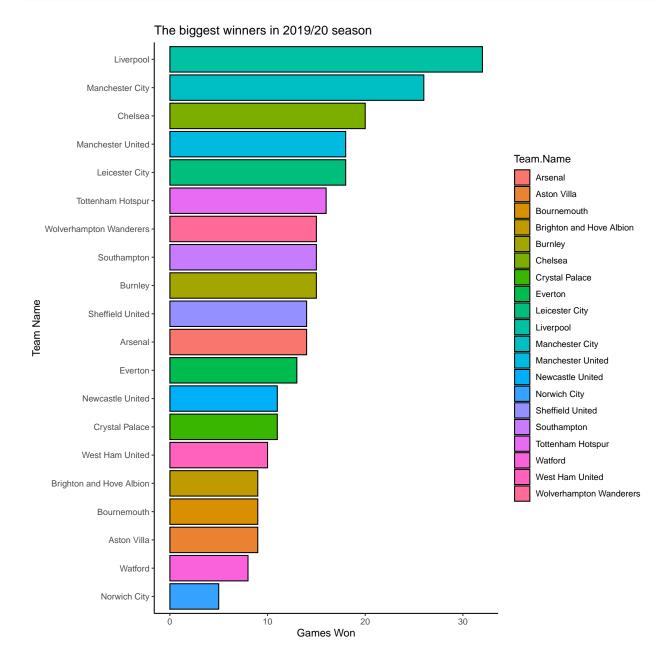
## The Final Premier League 2019/20 Table

```
pdf("PL table.pdf", height=11, width=8.5)
grid.table(table)
knitr::kable(table, caption = "Premier League 2019/20 season")
```

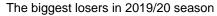
Table 1: Premier League 2019/20 season

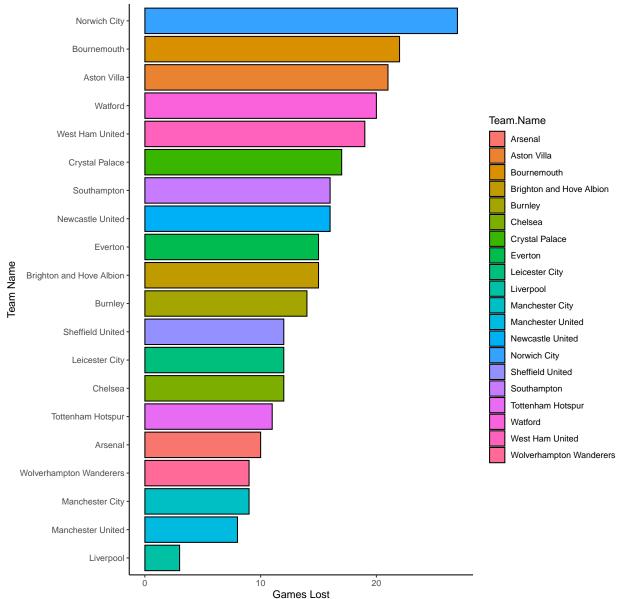
Position	Team.Name	Played	Won	Drawn	Lost	GF	GA	GD	Points
1	Liverpool	38	32	3	3	85	33	52	99
2	Manchester City	38	26	3	9	102	35	67	81
3	Manchester United	38	18	12	8	66	36	30	66
4	Chelsea	38	20	6	12	69	54	15	66
5	Leicester City	38	18	8	12	67	41	26	62
6	Tottenham Hotspur	38	16	11	11	61	47	14	59
7	Wolverhampton Wanderers	38	15	14	9	51	40	11	59
8	Arsenal	38	14	14	10	56	48	8	56
9	Sheffield United	38	14	12	12	39	39	0	54
10	Burnley	38	15	9	14	43	50	-7	54
11	Southampton	38	15	7	16	51	60	-9	52
12	Everton	38	13	10	15	44	56	-12	49
13	Newcastle United	38	11	11	16	38	58	-20	44
14	Crystal Palace	38	11	10	17	31	50	-19	43
15	Brighton and Hove Albion	38	9	14	15	39	54	-15	41
16	West Ham United	38	10	9	19	49	62	-13	39
17	Aston Villa	38	9	8	21	41	67	-26	35
18	Bournemouth	38	9	7	22	40	65	-25	34
19	Watford	38	8	10	20	36	64	-28	34
20	Norwich City	38	5	6	27	26	75	-49	21

#### Biggest Winners vs Biggest Losers



```
ggsave("table-won.png")
```

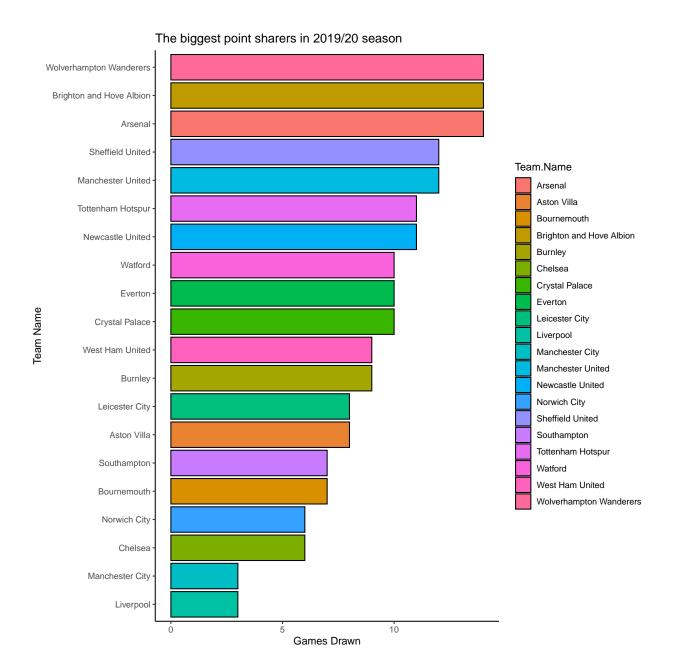




```
ggsave("table-lost.png")
```

```
## Saving 9 x 9 in image
```

#### Who Shared the Most Points?



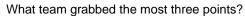
```
ggsave("table-drawn.png")
```

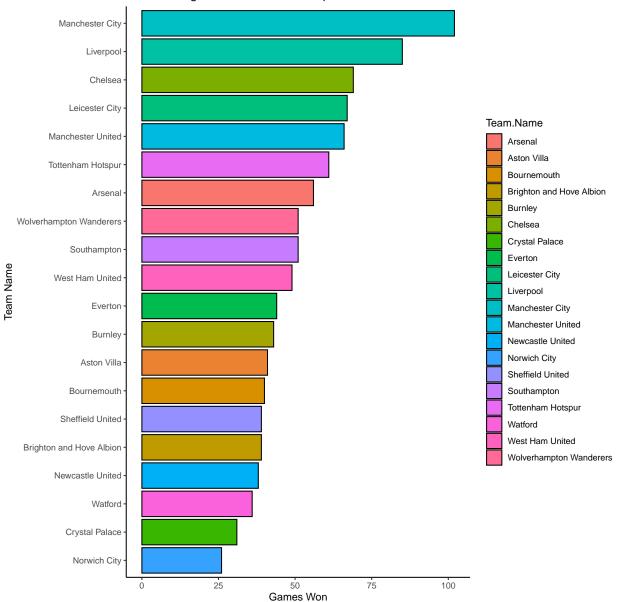
## Saving 9 x 9 in image

#### Goals Scored vs Goals Conceded

```
table %>%
  arrange(desc(GF)) %>%
  ggplot(aes(reorder(Team.Name, GF), GF, fill = Team.Name)) +
  geom_bar(stat = "identity", color = "black") +
  labs(title = "What team grabbed the most three points?",
```

```
y = "Games Won", x = "Team Name") +
coord_flip() +
theme_classic()
```

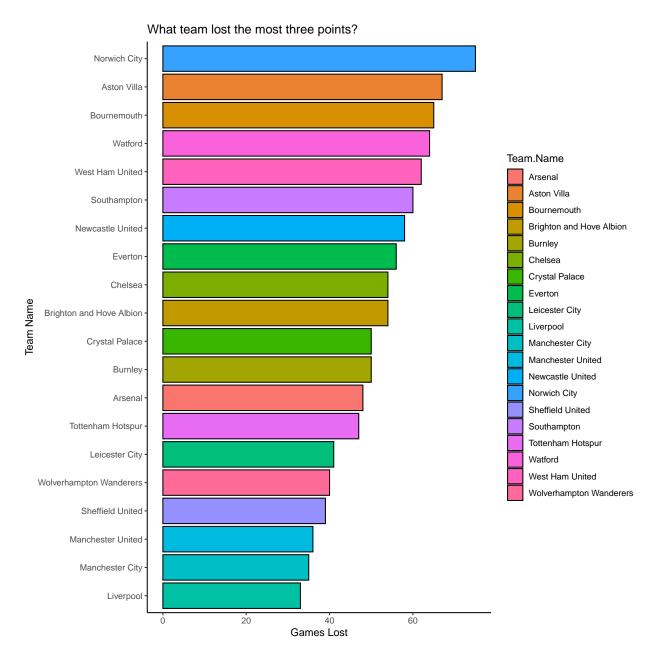




### ggsave("goals-scored.png")

```
table %>%
  arrange(desc(GA)) %>%
  ggplot(aes(reorder(Team.Name, GA), GA, fill = Team.Name)) +
  geom_bar(stat = "identity", color = "black") +
```

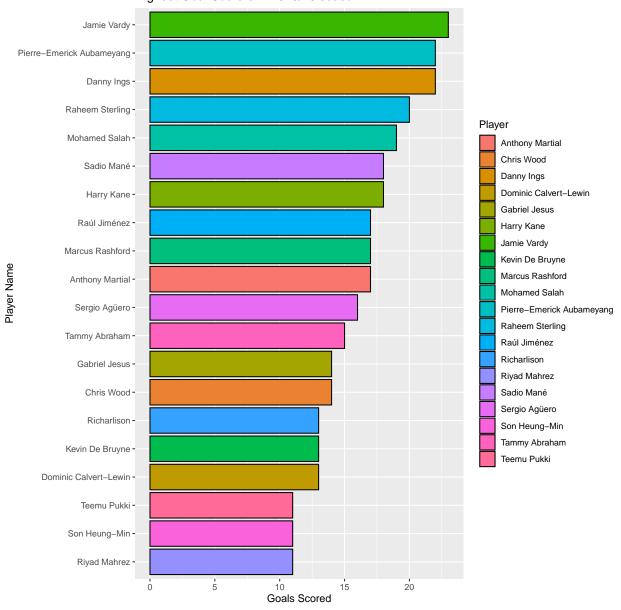
```
labs(title = "What team lost the most three points?",
    y = "Games Lost", x = "Team Name") +
coord_flip() +
theme_classic()
```



## ggsave("goals-conceded.png")

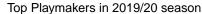
#### **Highest Goal Scorers**

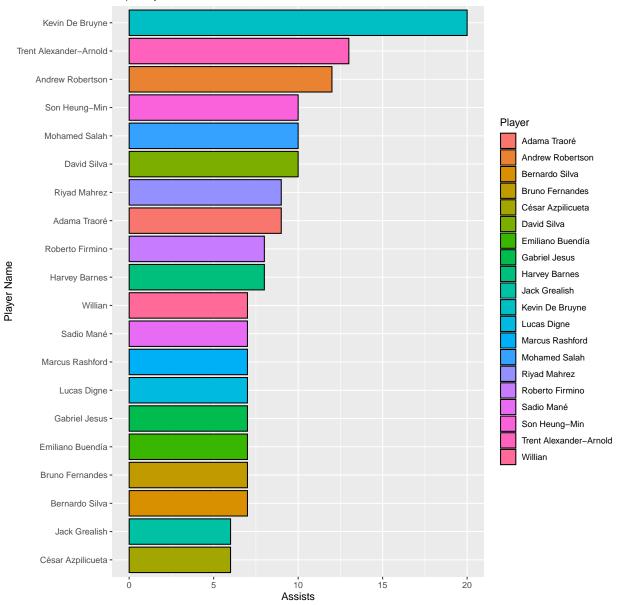




```
ggsave("goal-scorers.png")
```

#### Top Playmakers

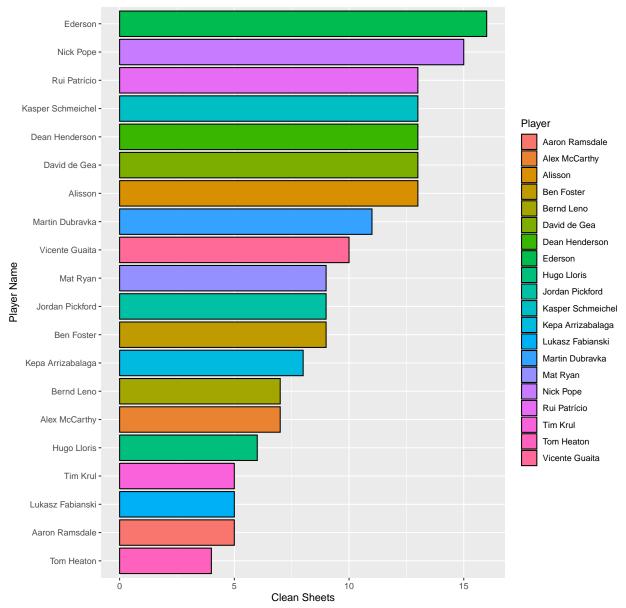




```
ggsave("assists.png")
```

#### Most Clean Sheets

#### Most Clean Sheets in 2019/20 season



ggsave("clean-sheets.png")