- **STUDENT NAME - G JAYA SURYA**
- **BATCH NAME - DSE.FT- CHENNAI - JULY 21**
- **COURSE - DATA VISUALIZATION USING TABLEAU**
- **START DATE - 24/12/2021**
- **COMPLETED DATE - 09/01/2022**

TOPICS COVERED - Dashboard, Charts, Datasets, Calculations, Analysis, Sorting, etc.,
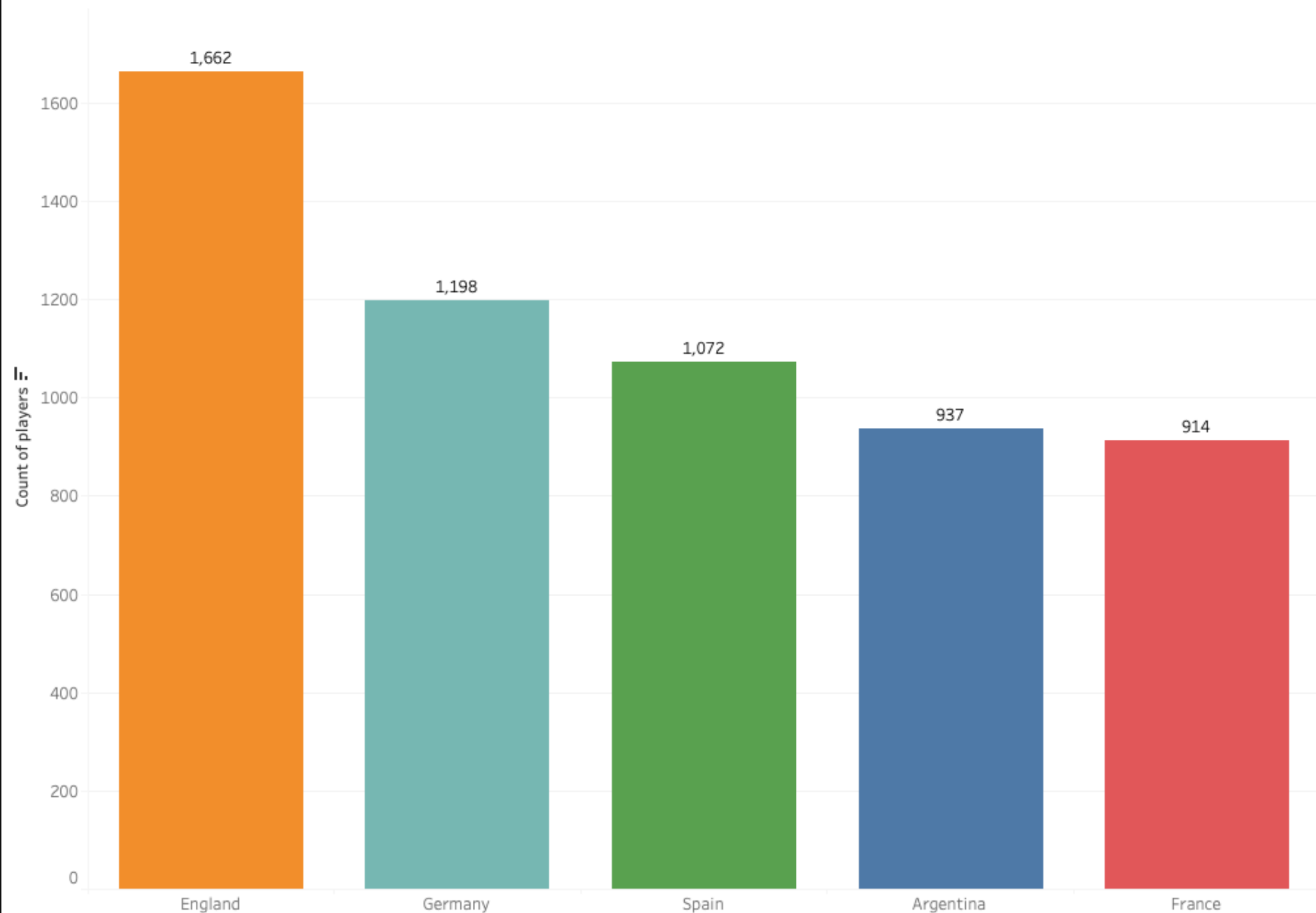
Project Title -

FootBall Players data

File created on: 09/01/22 11:25:47 AM GMT+05:30

1. Which are the countries that have the highest number of players playing for them? (Arrange them in descending order)

Inference :-

- From the Chart, we could clearly see that England being the Highest with players and France is the least.

Countries with Highest no of Players

Count of players

	1,662	1,198	1,072	937	914
	England	Germany	Spain	Argentina	France

Nationality
- Argentina
- England
- France
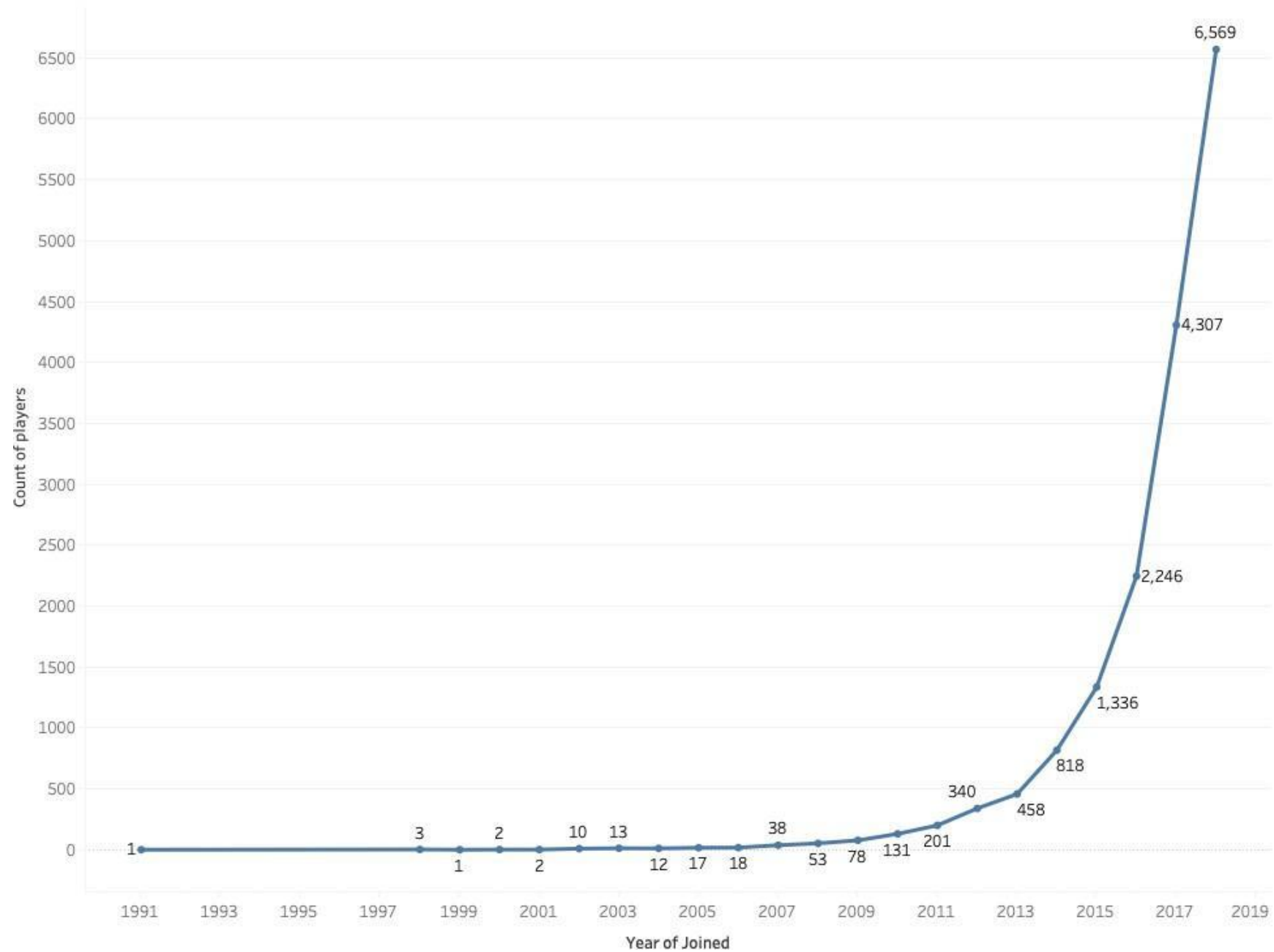- Germany
- Spain

select N for country
5

2. Draw a curve that shows year wise total number of players who joined FIFA?

Inference :-

- From the Chart, in 2019, 6,569 have joined FIFA.

No of players joined FIFA by Year

3. Using Tree maps, analyze the total no of skilled moves all the players have on each of their preferred playing foot.

Inference :-

- Clearly, the Right Foot dominates the Left.

Skill moves by foot

Data Shows High no of players using Right leg as preffered.whereas left average skill is comparatively higher

Avg Skill Moves : 2.3158
Prefered Leg : Right
Sum of Skill moves: 32,301

Avg Skill Moves : 2.5120
Prefered Leg : Left
Sum of Skill moves: 10,578
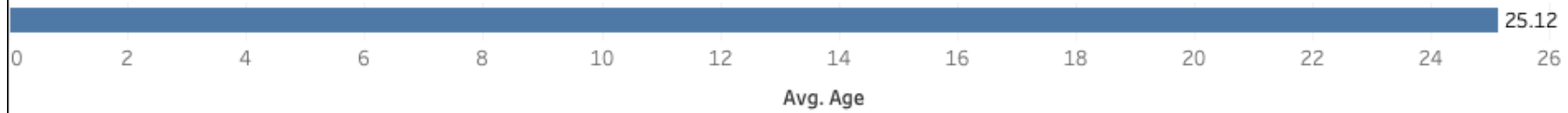
Skill Moves

10,578   32,301

4. Find out the average age of players. Identify the top 5 countries which have the youngest players on average.

Inference :-

- The Average age is 25.12 years and Zambia has the highest young players.

Average age of players

25.12

0 2 4 6 8 10 12 14 16 18 20 22 24 26

Avg. Age

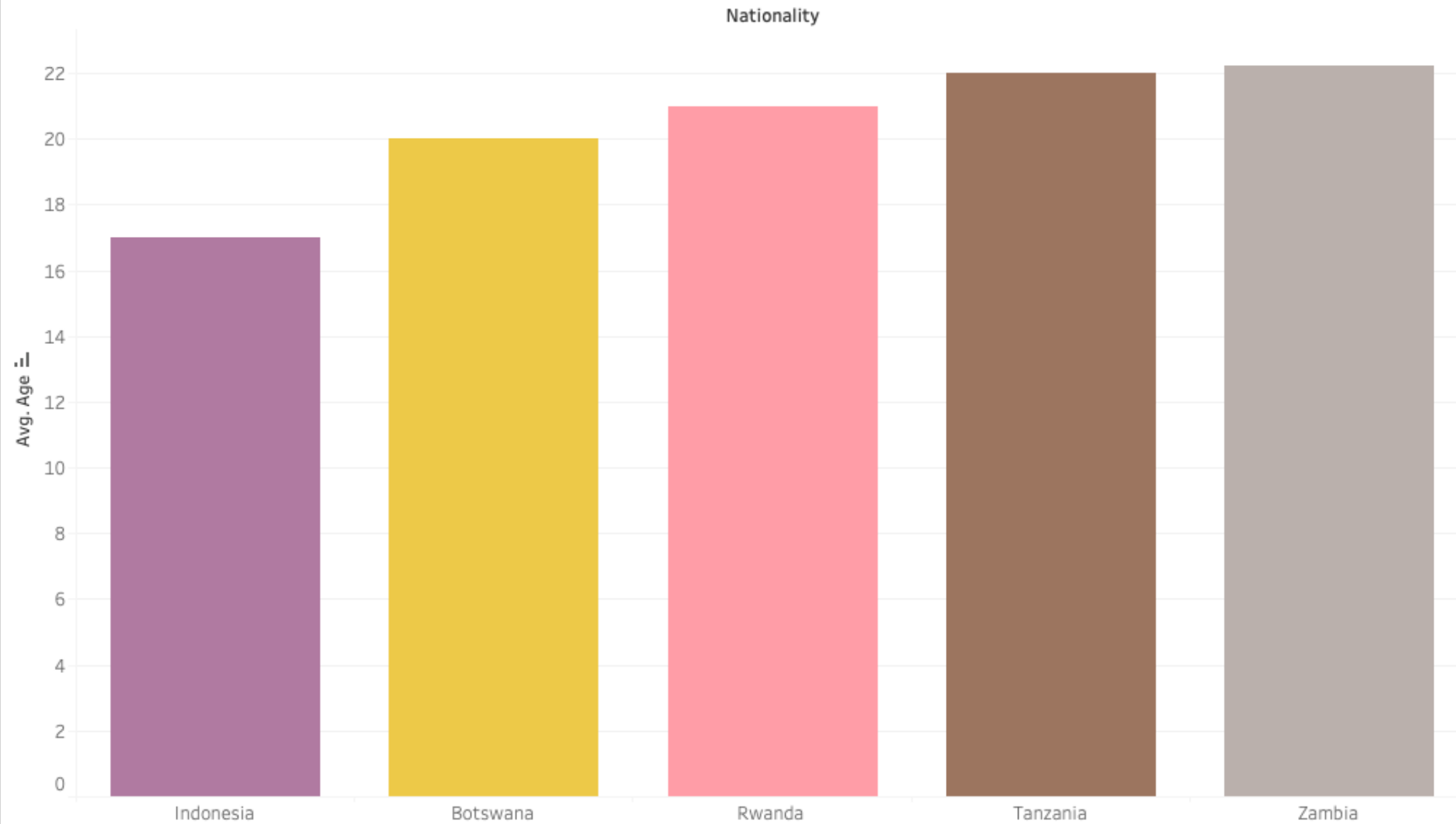**Nationality**
- Botswana
- Indonesia
- Rwanda
- Tanzania
- Zambia

select N for country
5

Top Countries with Minimum players Age

Nationality

Avg. Age

Indonesia Botswana Rwanda Tanzania Zambia

5. Find out how many players' contracts are going to expire in the year 2020.

Inference :-

- In Total, 4,027 players' contracts are expiring in 2020.

Contract expiring on 2020

	Count of players
2020	4,027

0   200   400   600   800   1000   1200   1400   1600   1800   2000   2200   2400   2600   2800   3000   3200   3400   3600   3800   4000   4200

Count of players

Count of football+players+data.csv for each Contract Valid Until. The marks are labeled by count of football+players+data.csv. The view is filtered on Contract Valid Until, which keeps 2020.

6. Create a Storyboard with the below story points.
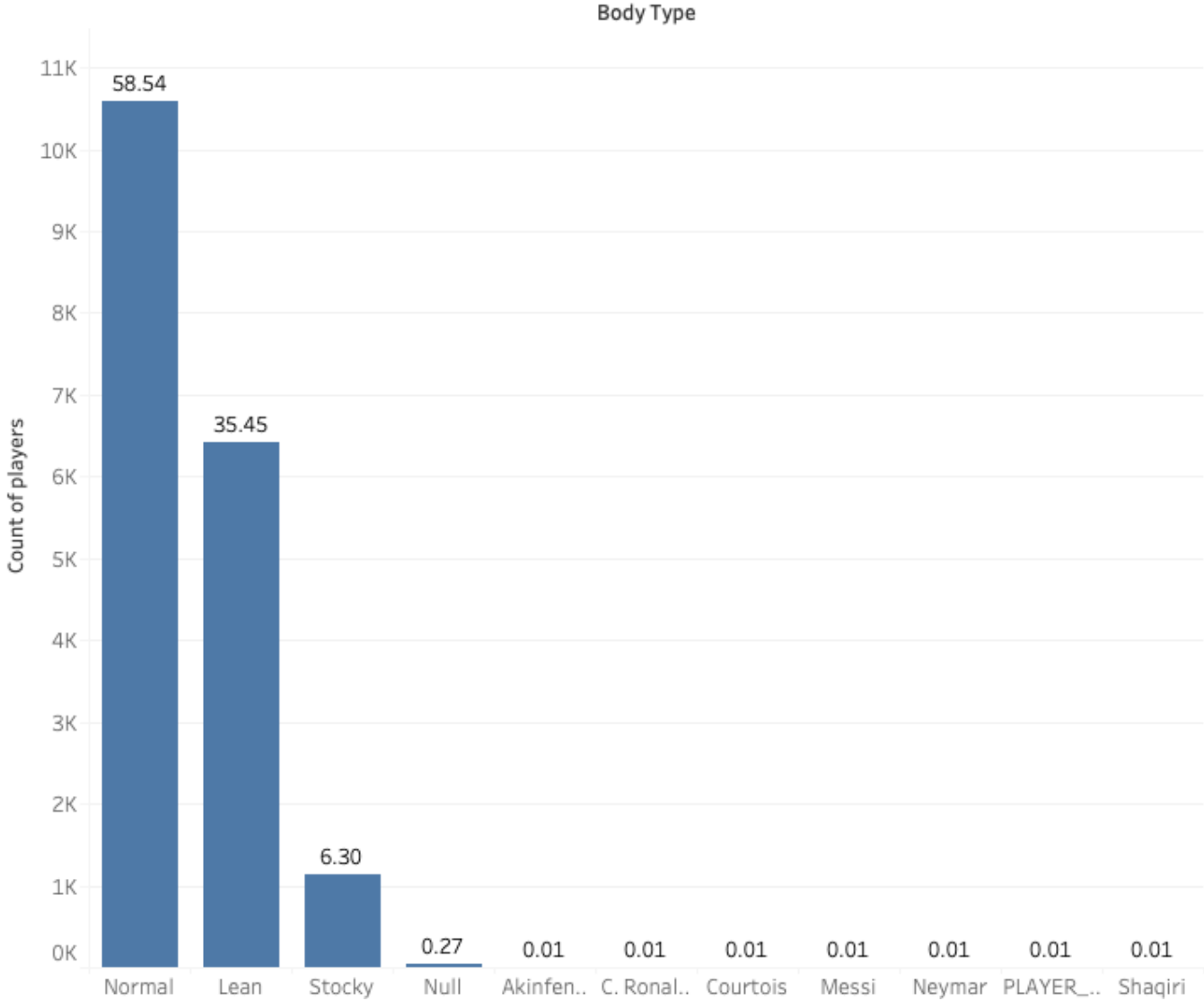
a. Body type-wise distribution of players.

Inference :-

- 59% of players body types are Normal, 35% have a lean body.

- We could see that Players like Ronaldo, Messi and Neymar, etc., have different body types.

players by body type

More than 50% of players are having normal body type follwed by Lean body type

Body Type

Count of players

| | 58.54 | 35.45 | 6.30 | 0.27 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |

Normal | Lean | Stocky | Null | Akinfen.. | C. Ronal.. | Courtois | Messi | Neymar | PLAYER_.. | Shaqiri

b. Position wise average wages of the players and find out the highest-paid position.
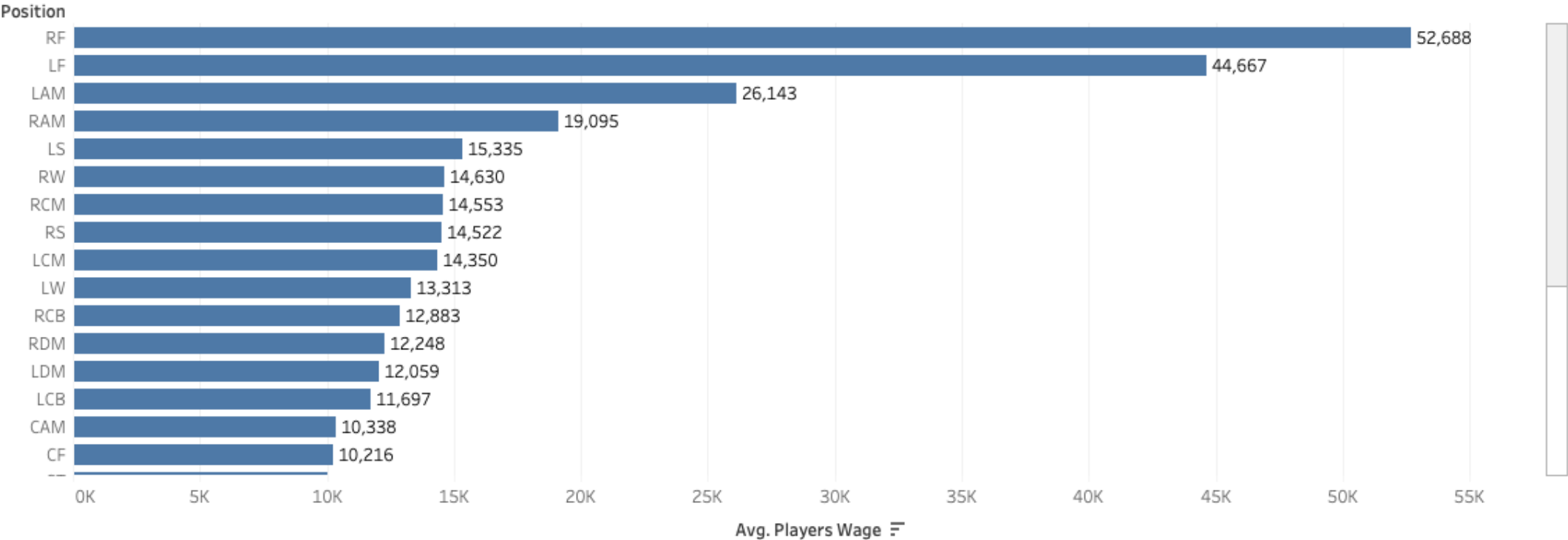
Inference :-

- Right Forward is the Highest Paid Position.

Players wage by position

Forward position ears maximum wage and it can be undestood analysing the data below.Right forward players ears maximum follower by left forwqrds.

Average Players wage by position

Position

Position	Avg. Players Wage
RF	52,688
LF	44,667
LAM	26,143
RAM	19,095
LS	15,335
RW	14,630
RCM	14,553
RS	14,522
LCM	14,350
LW	13,313
RCB	12,883
RDM	12,248
LDM	12,059
LCB	11,697
CAM	10,338
CF	10,216

Avg. Players Wage

Highest wage by position

Position

Position	Avg. Players Wage
RF	52,688

Avg. Players Wage

c. How has the Average value of players and wages varied over the years for the current dataset? Plot the same in a dual axis graph.

players wage & value by year

There is no specific trend is found in players wage or value though an anomoly spike found in 2004 players wage