Data Visualizations and Dashboard with Tableau

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Project

1. In this project, we will be exploring the trends and patterns through various visualizations of Fifa18 Dataset which contains more than 17k players with 70 different attributes.
2. We will be focusing on effective attributes that help us visualize the data better

World Map

It shows the world map of all the countries that were part of Fifa 18, with numbers on countries telling count of players

Dark Blue countries has higher overall ratings and Dark Orange has lower overall ratings

Average ratings and number of players

Firstly, here are the top countries with Average overall ratings

However, this data contains countries with only 1 player

Secondly, the same chart but here countries has more than 100 players.

Here, the Average is 66 and most of the countries are around this line.

Tree Map of Market Value

Here is the treemap of Total Market Value by Countries

Here 8 out of top 10 countries are European

Scatter Plot

Here data is divided in 7 clusters

And size of the circle represents the average value of the player

7th cluster consists of players like Cristiano Ronaldo, Neymar, Messi, Suarez, Lewandowski, Hazard, and K. De Bruyne

Interestingly these players also has higher overall and potential ratings.

Heatmap

Heatmap of Correlation of Strength and overall rating of the clubs, secondly correlation of the Potential and Overall ratings of the club

Top 10 Correlation

Above mentioned Heatmap but slightly tuned, it contains data of top 10 clubs by value

Age Heatmap

Player position and rating, interestingly ST, CM, CDM, CB and GK are best preference of positions by top rated players. Fascinatingly, they all lie in the middle.