FIFA2018 Player Ratings

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Fifa18 Player Ranking Presentation

Fifa 18 Player Ratings	Project Goals	Process	Player Statistical Analysis. Per Cou..	Wages Per Player Analysis	Results 1	Results 2	Results 3	Results 4	Results 5

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Project Objectives

With over 17 thousand FIFA players and 70 different attributes attached to each player, my main focus for this project was to analyze, gain insight and create visualizations that will help me filter out top players from low level players. Growing up playing FIFA your eyes immediately get drawn to player stats and team stats. You would be wanting to play your friends using the best statistical team in the game. That was the primary objective for while completing this project. It was to disp..

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PROCESS

STEP 1: DATA LOADING AND ANALYZATION

STEP 2: BUILD VISUALIZATION GRAPHS AND TABLE

STEP 3: FORMULATE QUESTIONS

STEP 4: CREATE DASHBOARDS AND STORIES

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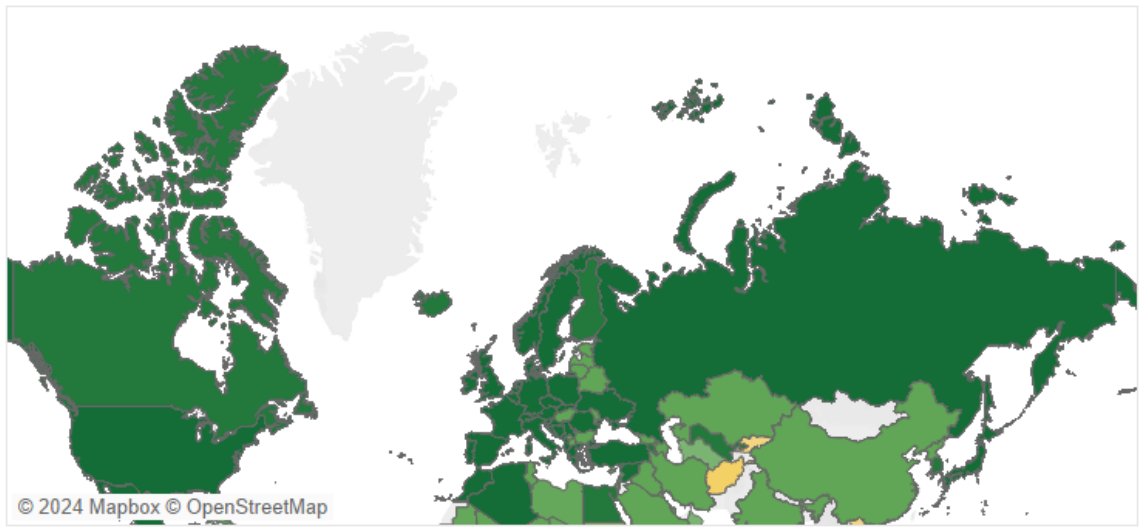
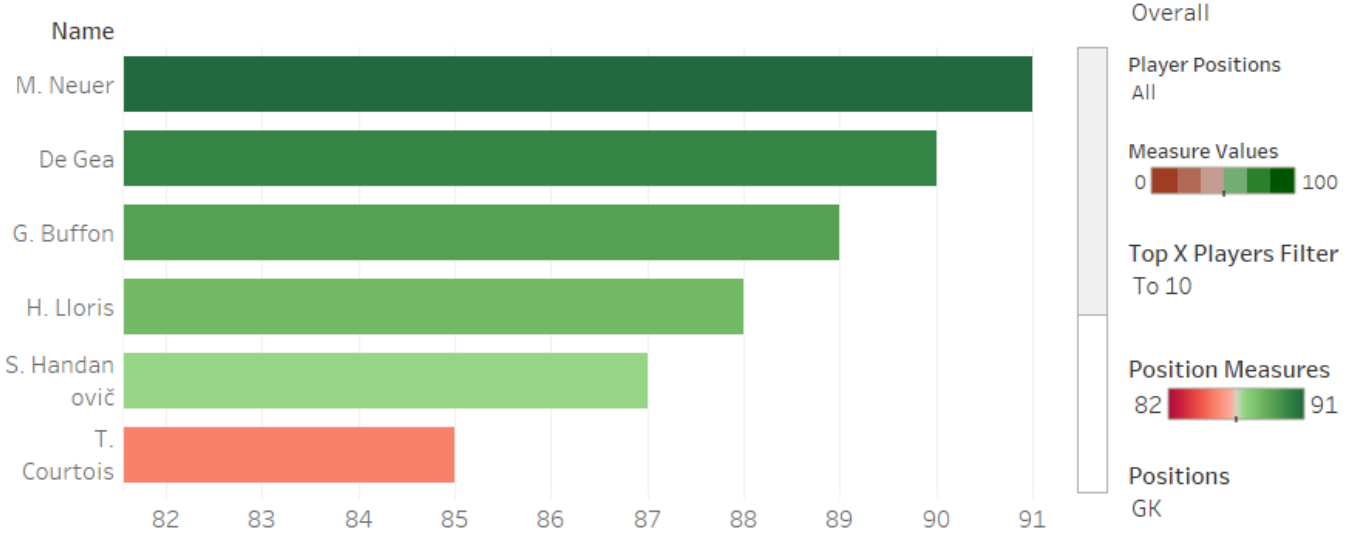
PLAYER STATISTICAL ANALYSIS

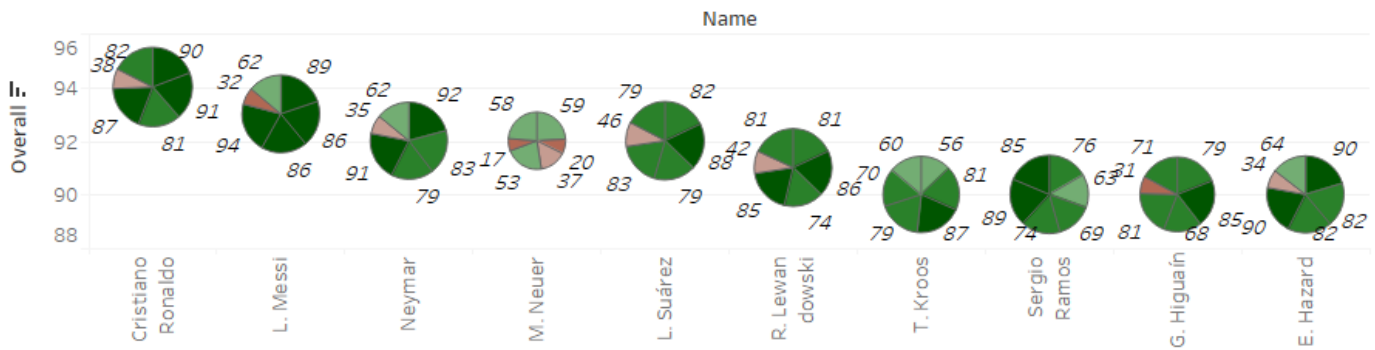
Attributes per Country



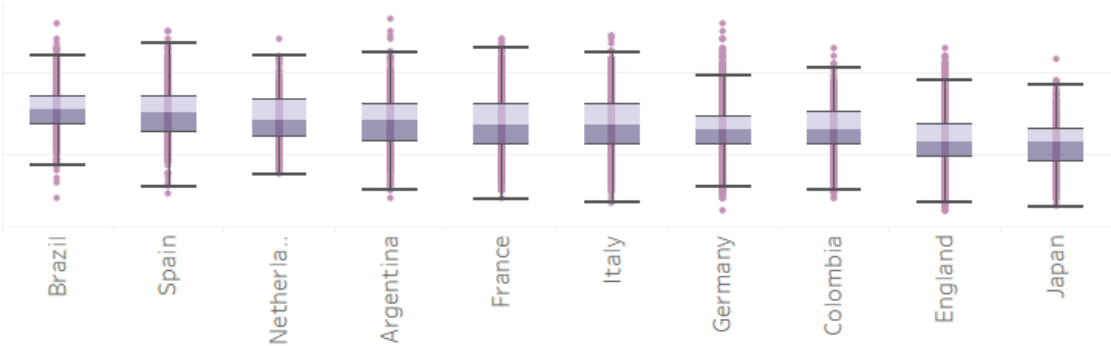
Top X Players per Preffered Positions



Top X Players Stats Breakdown



Top 10 Overall Scorers per Country



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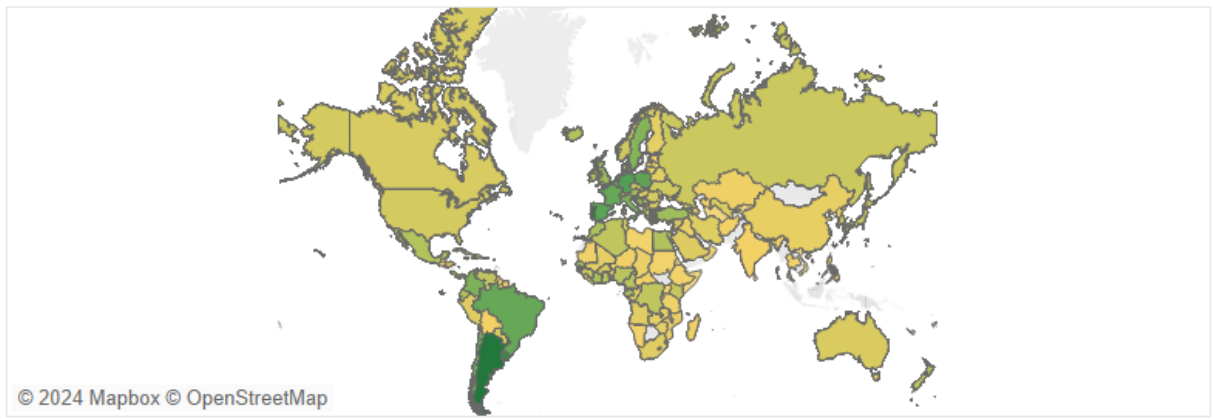
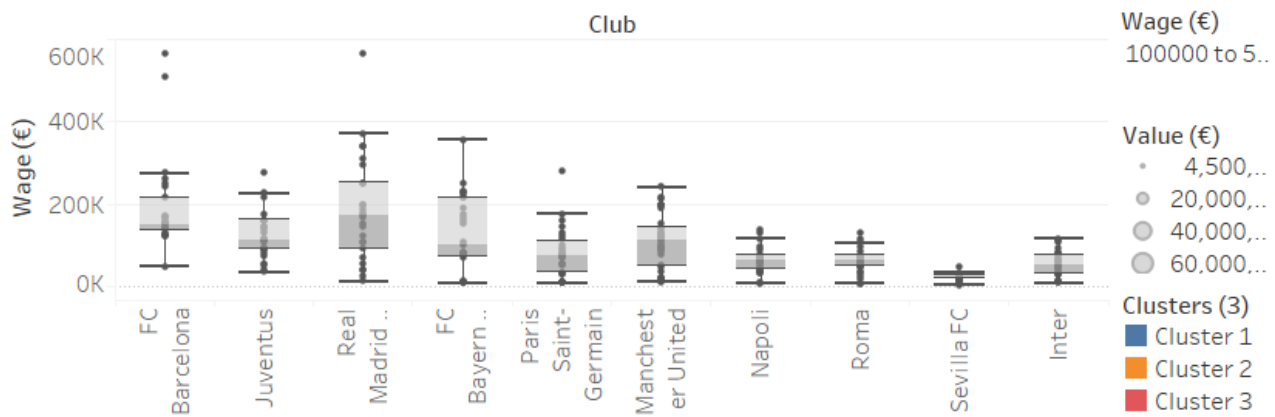
Wages Per Player Analysis

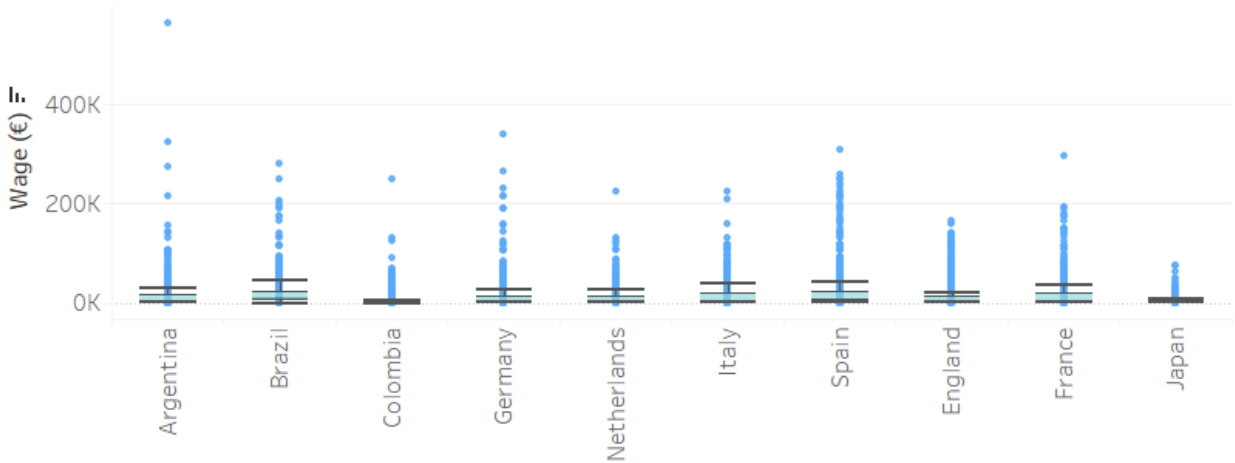
Wages Per Country



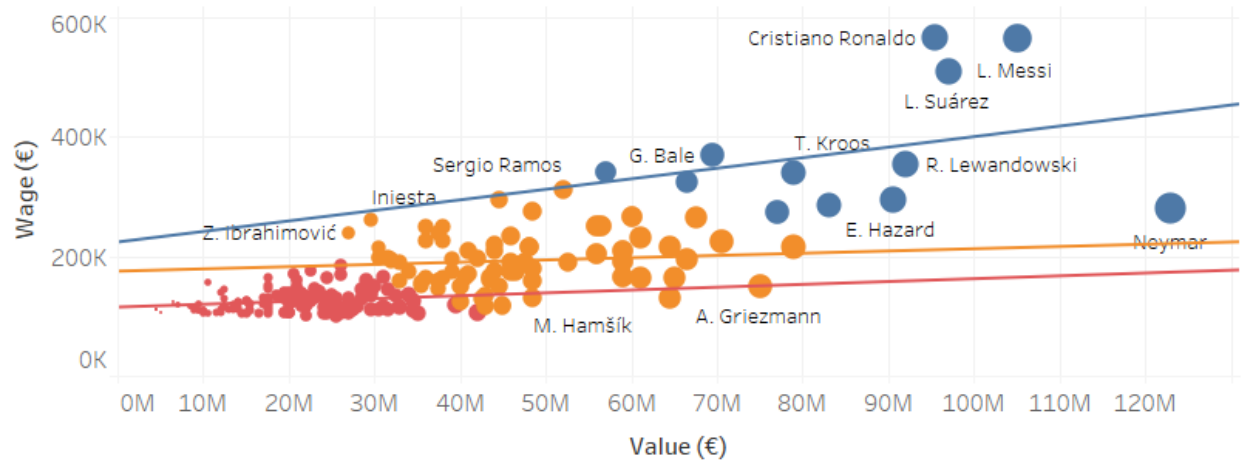
Top 10 Club Wages



Top 10 Country Wages



3 Different Classes Based on Wage



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1. Who are the top performing players in FIFA 18 and what makes them soo good?

- To analyze this question, a simple overall to name comparisson is needed to graph players in an axis in their respective overall stat. To sort the players from the highest ranking to lowest, a sorting must be done using the overall attribute.

- The harder part of this task it that there are more than 20 different attributes associated with each player. Therefore I had to combine those different stats into 6 different categories:

a. "Defending" - Interceptions, Heading Accuracy, Def. Awareness, Stangind Tackle, and Sliding Tackle.
b. "Handling"* - Agility, Balance, Reactions, Ball Control, Dribbling, and Composure.
c. "Pace" - Acceleration, and Sprint Speed.
d. "Passing" - Vision, Crossing, Free Kick Accuracy, Short Pass, Long Pass, and Curve.
e. "Physical" - Jumping, Stamina, Strength, and Aggression.
f. "Shooting" - Positioning, Finishing, Shot Power, Long Shots, Volleys, and Penalties.

Instead of players being a point in the graph, a pie chart was instead used to show these 6 different categories. These was done in order to have a more understanding why these players are good as each player excels in their own different attributes.

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2. Who are the top earning players in FIFA 18 and does their overall scores reflect their salaries?

Top 10 highest earning players in order from highest paid to lowest are:

a. Christiano Ronaldo - 565,000 (Overall = 94)
b. Lionel Messi - 565,000 (Overall = 93)
c. Luis Suarez - 510,000 (Overall = 92)
d. Gareth Bale - 370,000 (Overall = 89)
e. R. Lewandowski - 355,000 (Overall = 91)
f. T. Kroos - 340,000 (Overall = 90)
g. L Modric - 340,000 (Overall = 89)
h. S. Aguero - 325,000 (Overall = 89)
i. Sergio Ramos - 310,000 (Overall = 90)
j. K. Benzema - 295,000 (Overall = 86)
k. E. Hazard - 295,000 (Overall = 90)

The prediction that their overall rating matches their given salaries were someone true, however we can see that it does not completely follow that trend. As both Ronaldo and Messi both have the highest salaries in the game however their overall score are different. As well as Bale although having a lower overall rating than Lewandowski, he is getting paid more.
This was done using a graph the plots wages with their overall ratings. Here the ratings are displayed as circles. The larger the circle the higher their overall score is.

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3. Which countries produces the most proffessional players and which countries have the highest ranking overall (Good indicator who will do good in the FIFA world cup 2018)

Using a meat map from Tableau's autogenerated Latitude and Longitude measurements, we can see how many players each country produces using the ID data. While to see the highest rating countries, we used the overall rating data.

The Top 3 countries who produced the most proffessional players are:

a. England
b. Germany
c. Spain

Top 3 highest rating countries:
a. Portugal
b. Argentina
c. Brazil and Germany

England produces a lot of professional players that go on and play for professional football clubs, however they did not crack the top 3 in terms of overall ratings. While Portugal tops in terms of rating, most likely being skewed by outliers like Ronaldo, but they don't produce as many professional players as the other countries.

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4. Which are the highest ranking players on their respective positions?

In football, there are 11 players that usually share the field. The most basic formation/positions are as follows: ST, RW, LW, CM, CAM, CDM, RB, LB, RCB, LCB, GK.

Top players for each role:
ST - C. Ronaldo
RW - L. Messi & C. Ronaldo
LW - L. Messi & C. Ronaldo
CM - T - Kroos
CAM - L. Messi
CDM - A. Vidal
RB - S. Ramos
LB - S. Ramos
RCB - S. Ramos
LCB - S. Ramos
GK - M. Neuer

Since there are a lot of different positions, and each player can play multiple positions. We have to create a filter that sorts them out to these individual positions. We have created a Parameter in order to do so. With this we can see who are the top players in that respected roles. Now you can build a super team in FIFA 18 if you wanted to using these data!

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5. Finally, the most important question everyone wants to know is: Who is better, Christiano Ronaldo or Lionel Messi?

Using the same graph as we used to answer question 1, we can see the break down of Christiano Ronaldo and Lionel Messi's stats. Overall they are pretty similar in rating, with Ronaldo beating out Messi by 1 point. But while taking a look at the data, it looks like Ronaldo beats out Messi in Physical attributes 82 to 62.

Challenges

The main challenge I had for this project was combining different attributes into a more condensed and easier to read categories. This helped me tackle in my data visualization and analyzing since there were lesser numbers to compare.