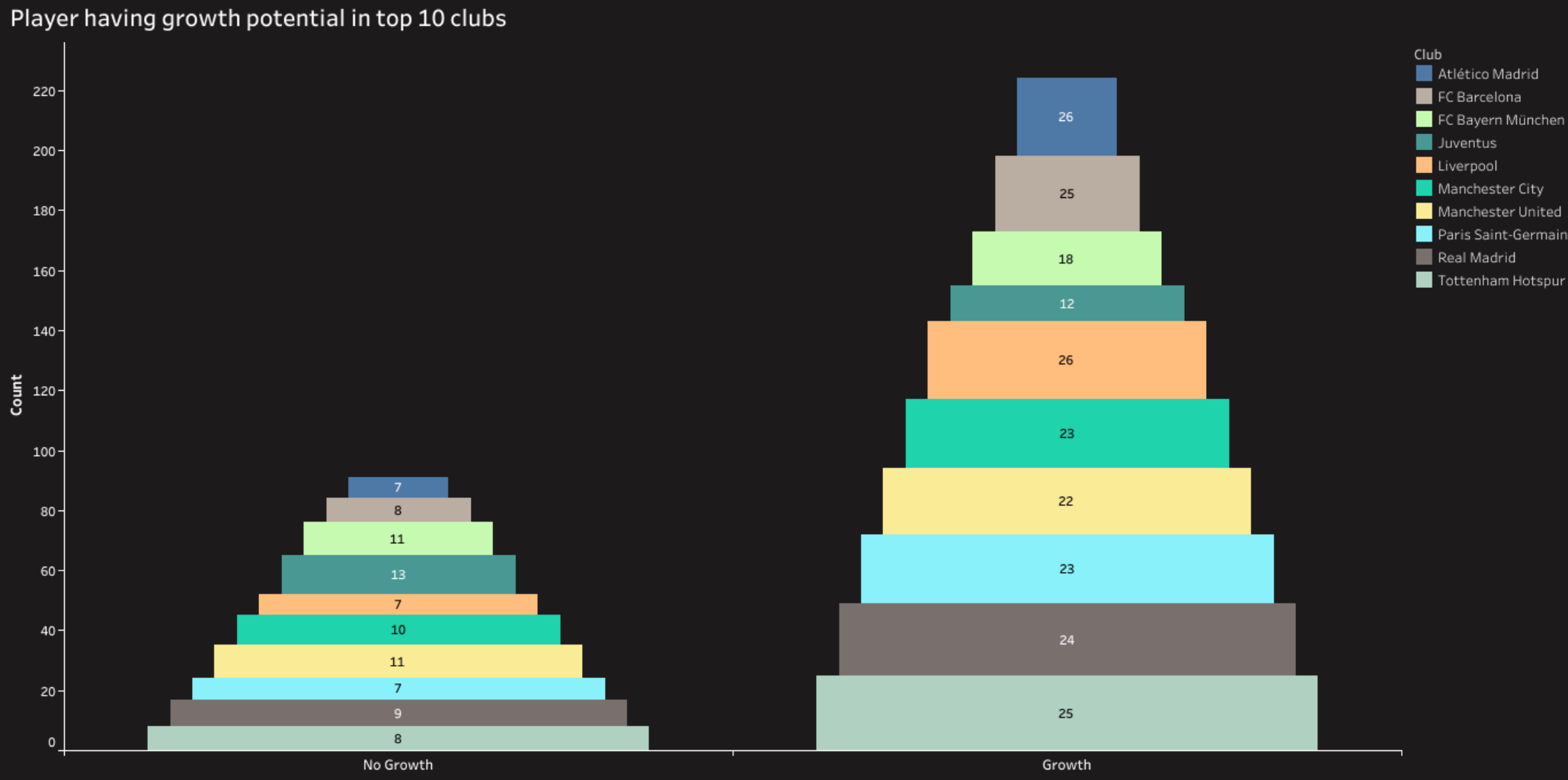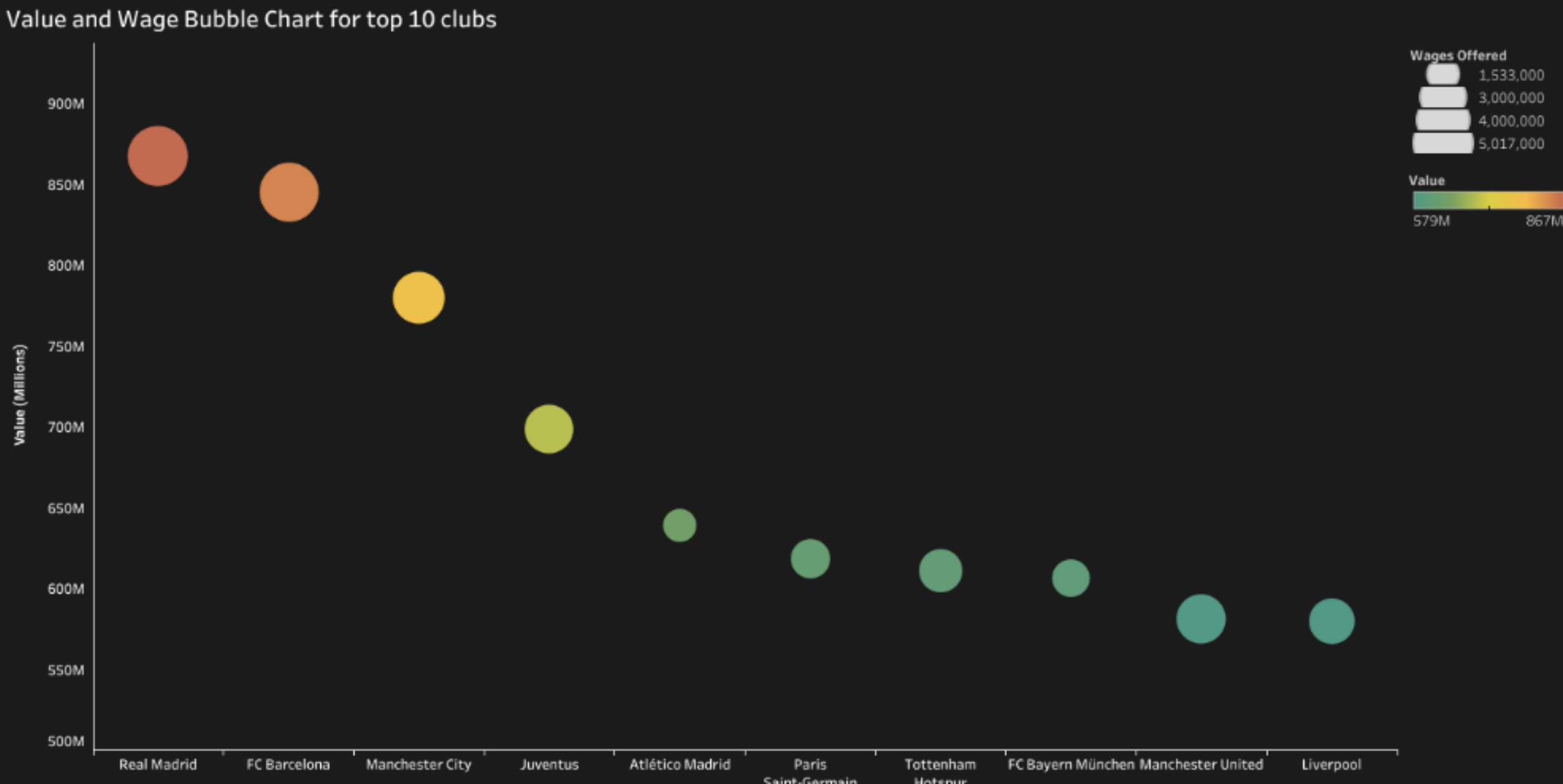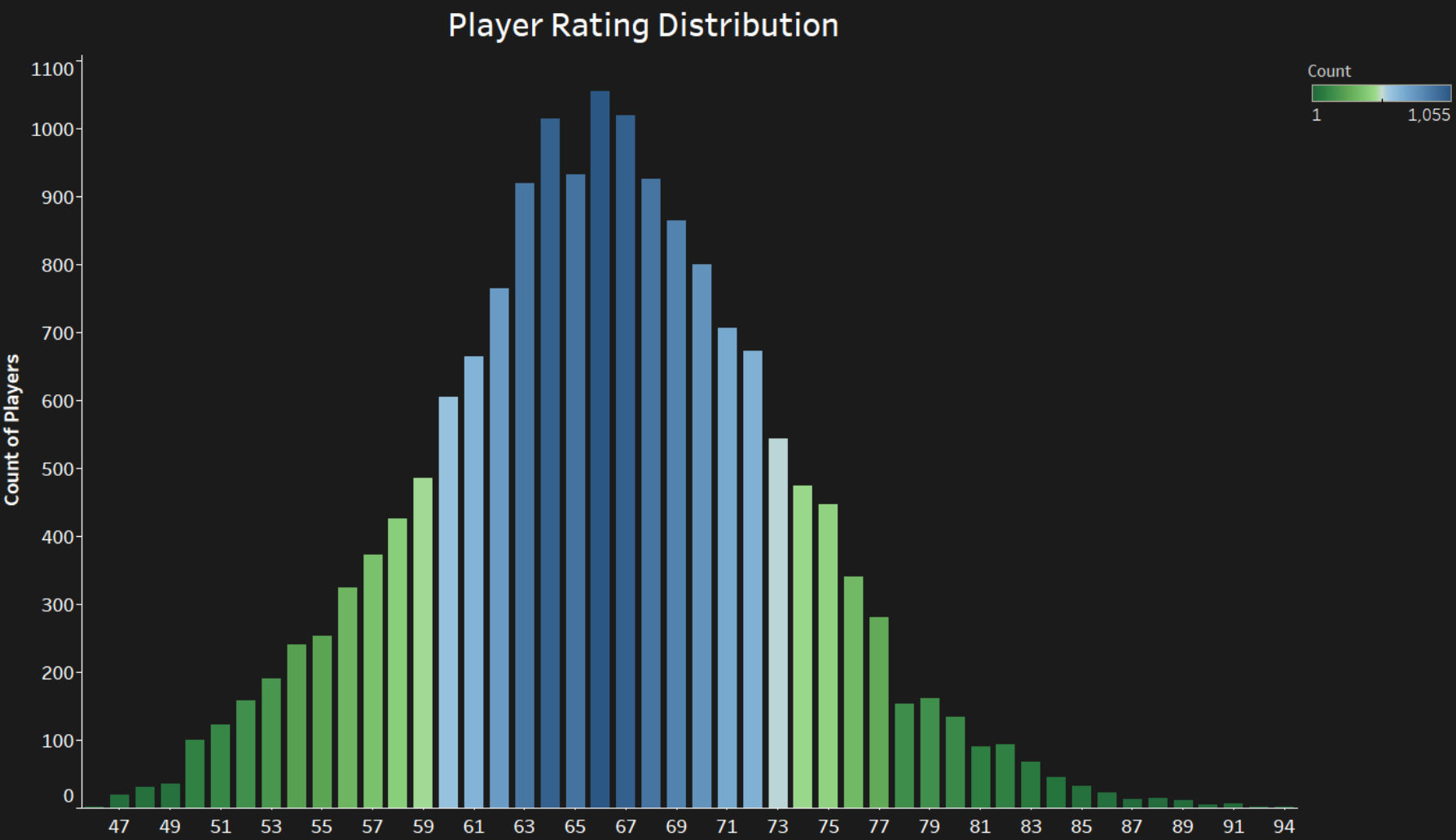# FIFA PLAYER ANALYSIS

INSTRUCTOR: PROF. FRANK MARULLO
TEAM MEMBERS: ANIRUDDH GARGE, SRINATH RAMACHANDRAN

THE iSCHOOL
Syracuse University

Poster Story:

We plan to present a diverse analysis on individual players for gamers to decide which player to buy in order to increase the potential of the overall team. Also we plan on obtaining the list of players that have the best overall growth potential in the future.

Descriptive Plots:

Player Rating Distribution

Value and Wage Bubble Chart for top 10 clubs

Player having growth potential in top 10 clubs

Comparing Market Value of Players with Overall Rating

Histogram showing the distribution of Age in the dataset

Poster Motivation:

We know that there are a vast number of gamers out there who compete in various online competition. So it is important for them to have a team which can cumulatively outsmart other players. Therefore we intend to target these gamers through our analysis and visualizations so that they can make an attempt in improving their team. Also we plan on obtaining the list of players that have the best overall growth potential in the future.

Area Plot Depicting Distribution of Players in top 10 clubs across nations

Nationality
- France
- Brazil
- Argentina
- Spain
- Germany
- Belgium
- Netherlands
- Portugal
- Scotland
- Italy
- Colombia
- Uruguay

Data Processing:

To analyze the data better we generated a specific feature set in order to identify the potential of all the players We generated specific features for forwards, midfielders & defenders.
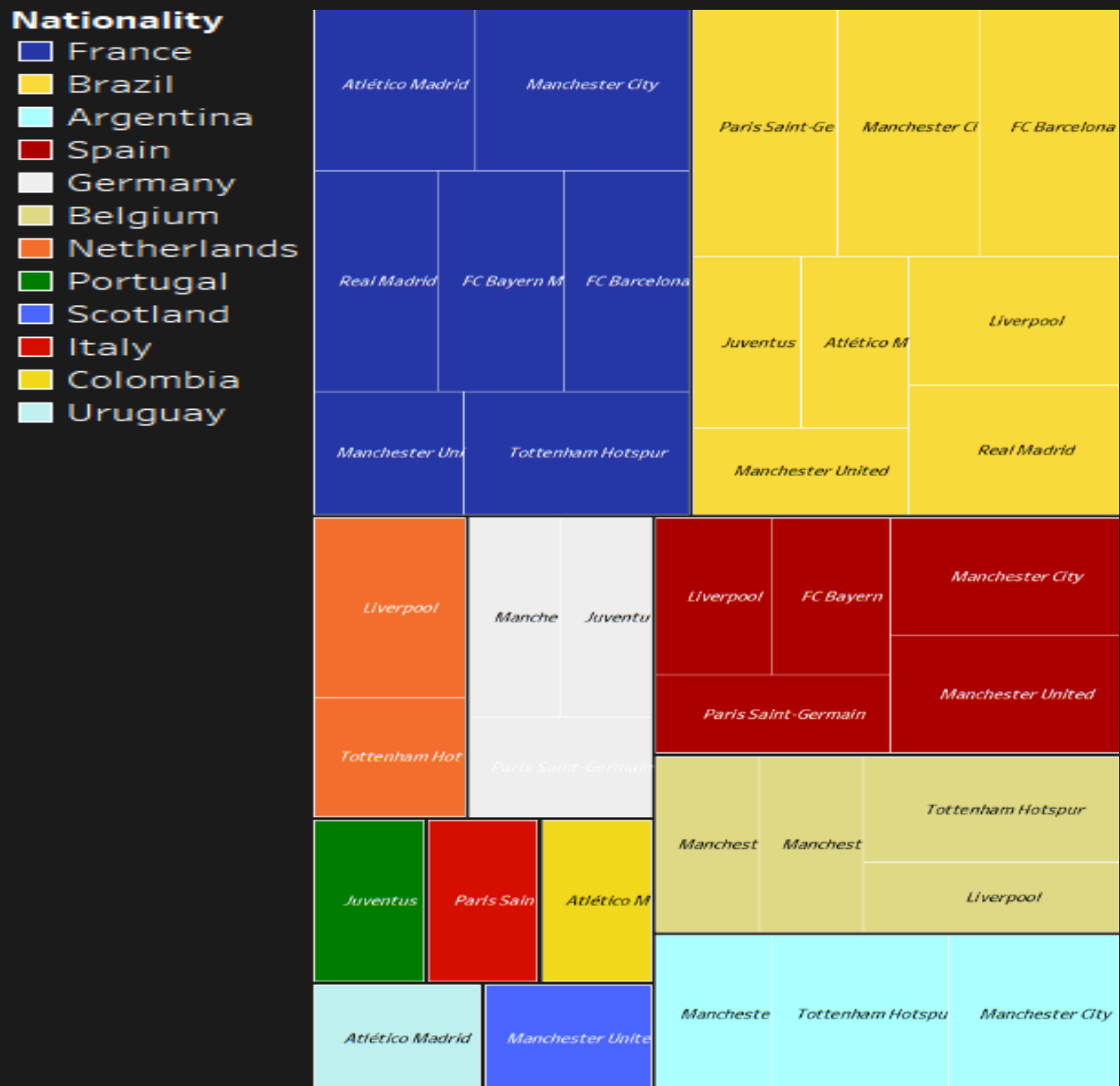
Dataset Description:

We obtained the dataset from blackboard which is already clean and processed. The following are the details from the dataset-

Number of Rows: 16644
Number of Columns: 62

FIFA TEAM OF THE YEAR 2017

References:
Visualize This by Nathan Yao.
https://www.kaggle.com/oliversinn/fifa-18-visualisation-clustering-ml