EA SPORTS
FIFA PLAYER RATINGS

Open Exploratory Project

CONTENT

Objective
In this case study, we dig deeper to understand what determines the FIFA player ratings.

Key questions/needs
- Does high player wages lead to high ratings?
- Does player market value effect their ratings?
- Is there a correlation between player ages and their ratings

Tools
Excel
Python
Tableau Link to Tableau
Github: Link to account

Data
EA sports collected FIFA player rating data through a network of EA data reviewers such as players, coaches e.t.c
Link to Dataset
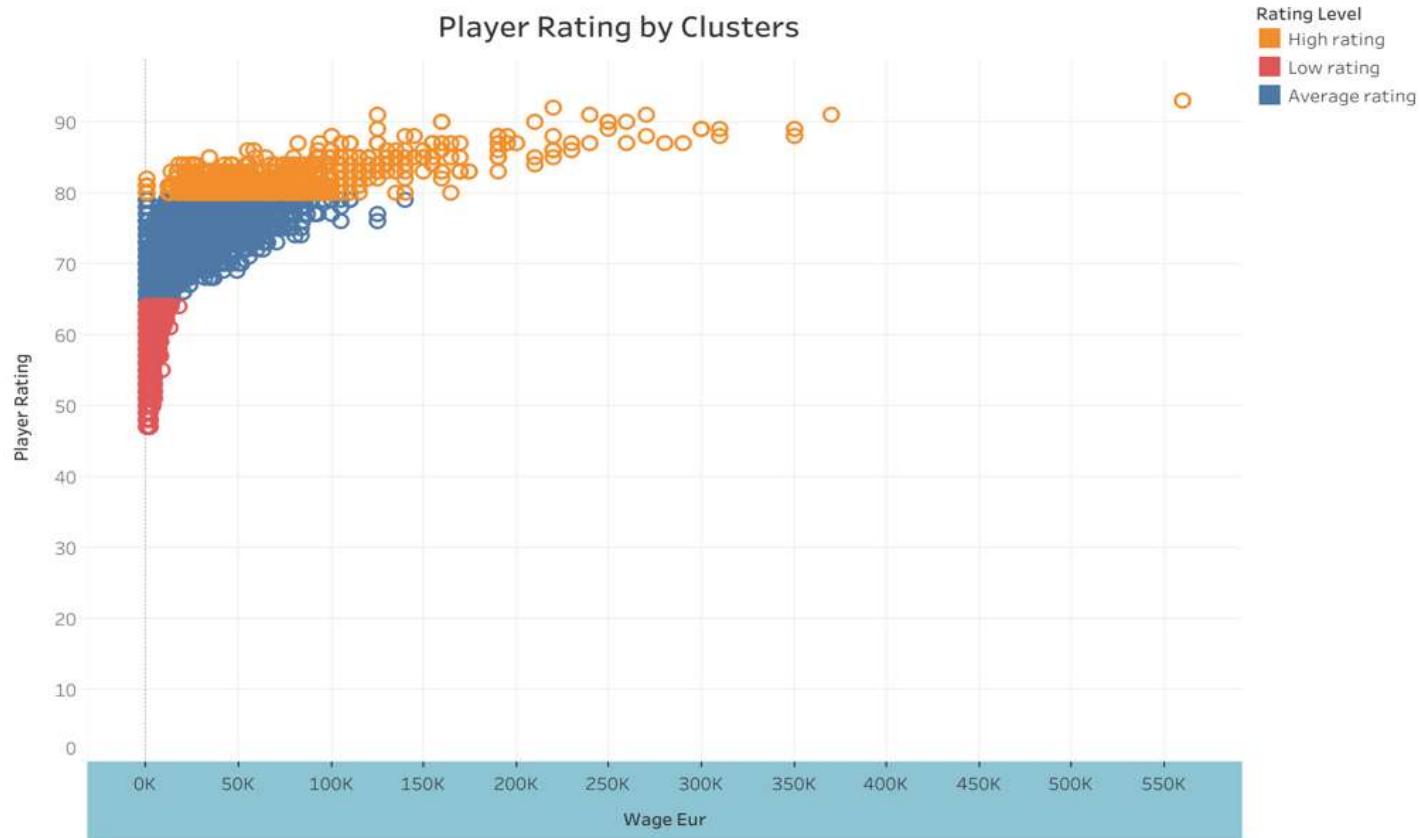
Skills
- Machine learning
- Exploratory Analysis
- Data sourcing, cleaning, integration and transformation
- Hypothesis testing

Steps

- Source, clean and prepare data.

- Create a list of questions to explore.

- Answer and gather more understanding by using python visualization, excel and statistical methods.

- Derive new column and merge with existing data.

- Create a story board in Tableau to answer the proposed research questions.
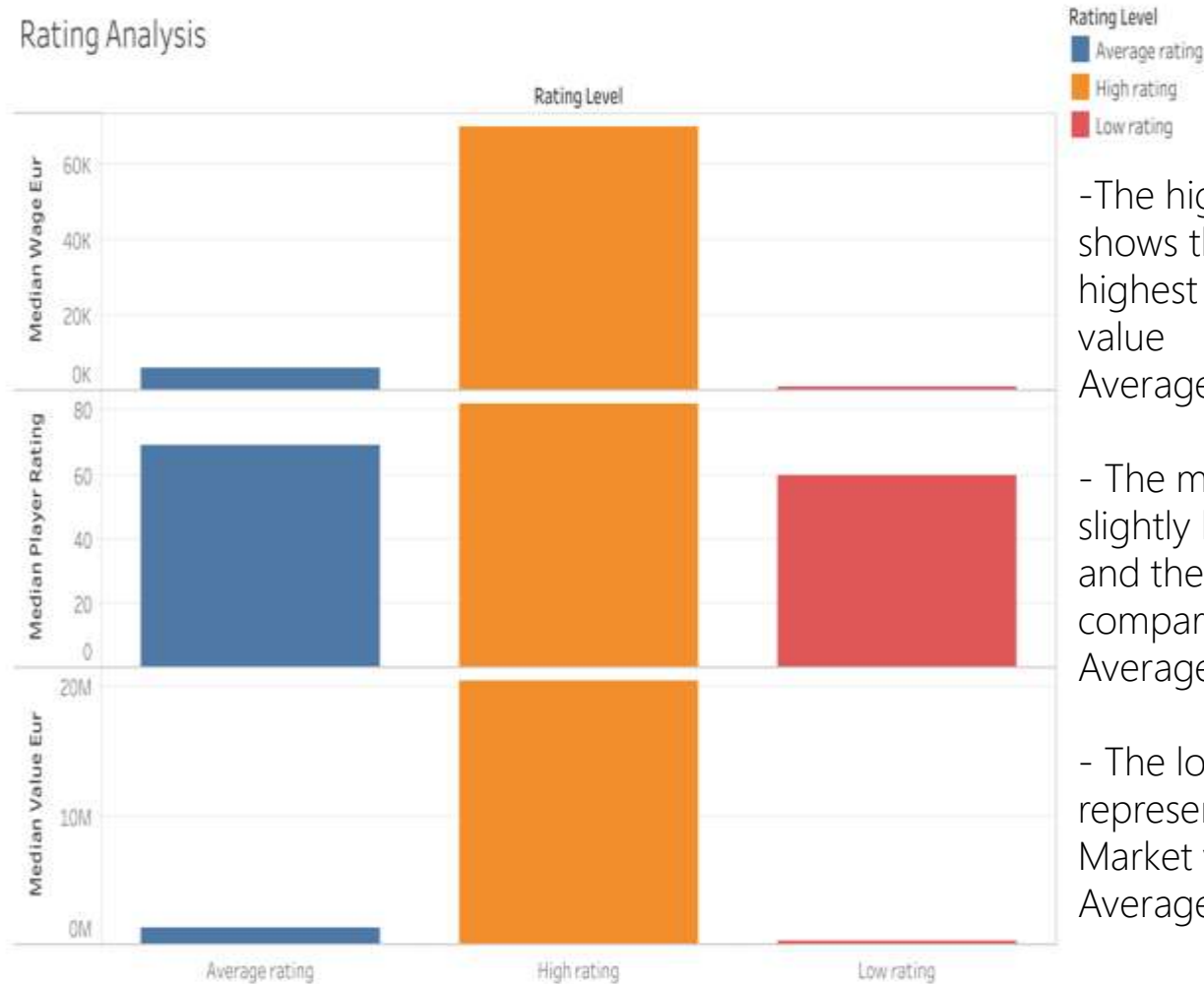
Player Rating by Clusters

The chart shows that an increase in players wages will lead to a rise in their ratings.

Also ratings are grouped into clusters namely:

- Blue – Average ratings
- Orange –High ratings
- Red – Low ratings

Rating Analysis

Rating Level
- Average rating
- High rating
- Low rating

-The high-rated cluster (Orange) shows the group of players with the highest average wages and market value
Average rating : 84

- The mid-rated cluster(blue) has slightly lower wages, market value and the average rating is lower compare to the high rating
Average rating : 73

- The low rated cluster (Red) represent the lowest wages and Market value.
Average rating :59

CONCLUSIONS

When choosing the rating for FIFA Player or when scouting a player for a football club, the following players data can help to make a better decision:

❑ Players with the highest wages and market value are given higher ratings.

❑ Players with slightly lower wages and market value have slightly lower ratings.

❑ Players with the lowest wages and lowest market value have the lowest ratings.