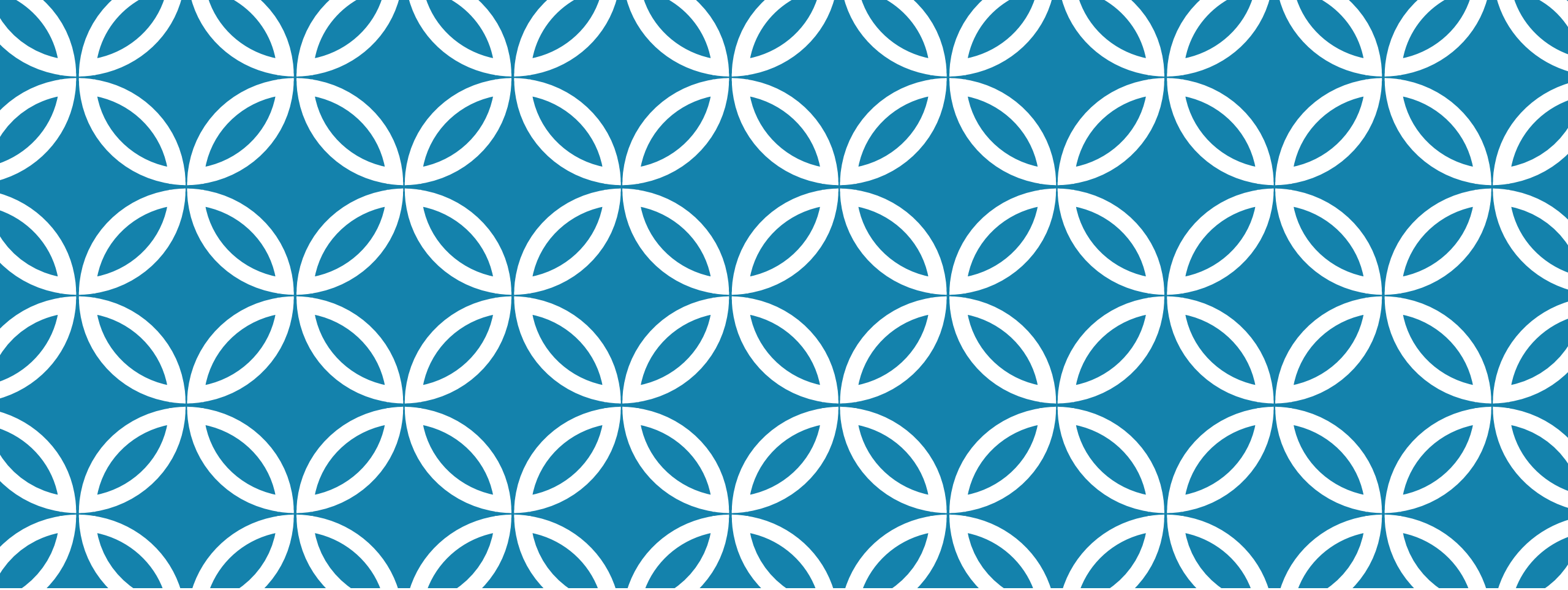


EA SPORTS FIFA PLAYER RATINGS

Open exploratory project

PROJECT

Goal

To build an interactive dashboard that will visually showcase well-curated results of EA Sports FIFA Player rating analysis conducted in Python.

Objective

In this case study, we will be exploring what determines the FIFA player ratings.

Data

EA sports collected FIFA player rating data through a network of EA data reviewers (players, coaches. etc.); these reviewed details were then handled and finalized by the editors.

Link to Dataset

OVERVIEW

Key questions

- Does high player wages lead to high ratings?
- Does player market value affect their ratings?
- Is there correlation between player ages and their ratings ?

Skills/ Tools

- Excel
- Python
- Machine learning
- Exploratory Analysis
- Data sourcing, cleaning, integration and transformation
- Hypothesis testing
- Tableau Presentation

ANALYSIS

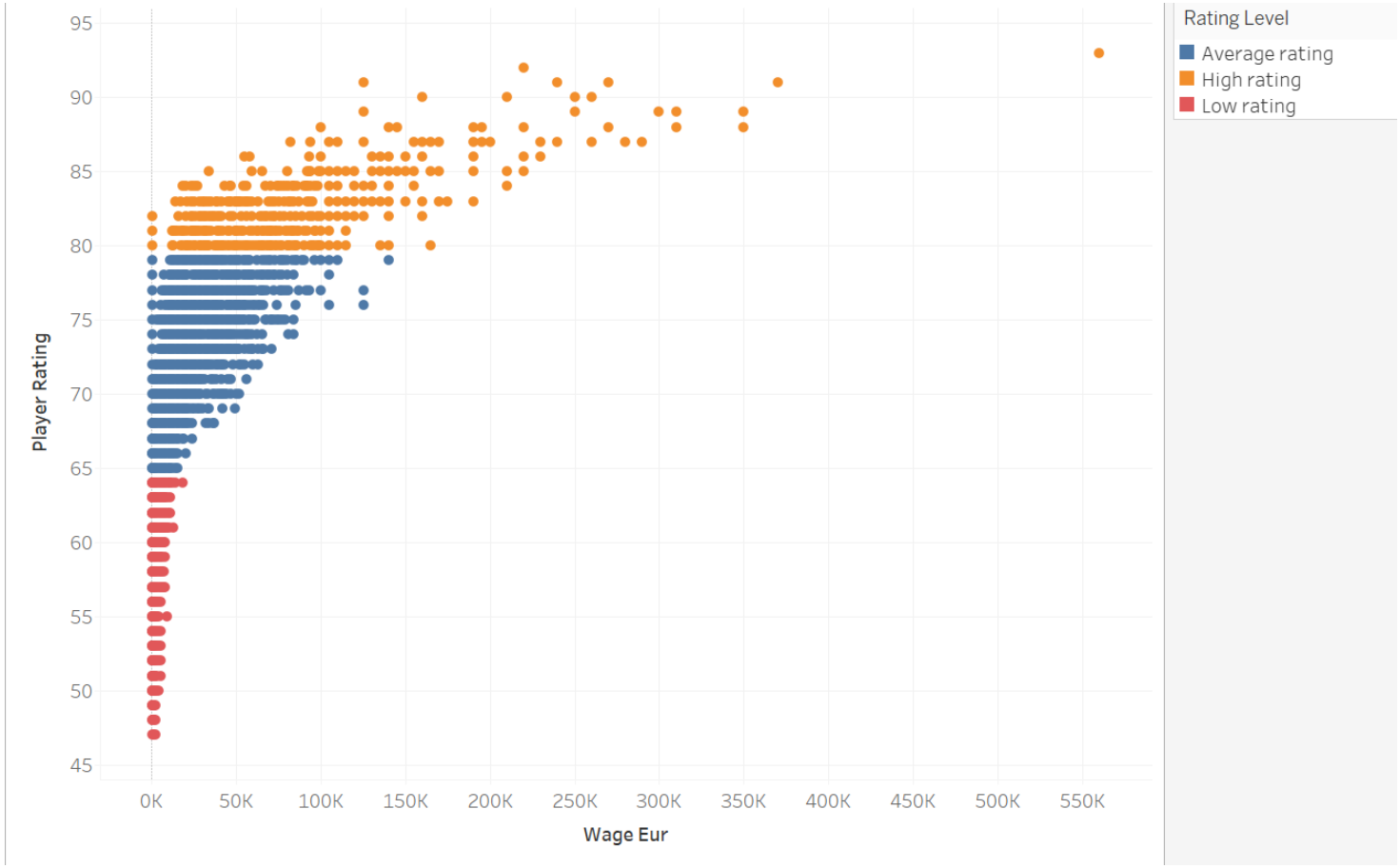
Steps

- Source, clean and prepare data
- Create a list of questions to explore
- Answer and research the questions using python visualization, excel and statistical methods
- Derive new column and merge with existing data
- Create a story board in Tableau and answering my research question with it

Link to Tableau Presentation

Link to GitHub repository

VISUALIZATIONS

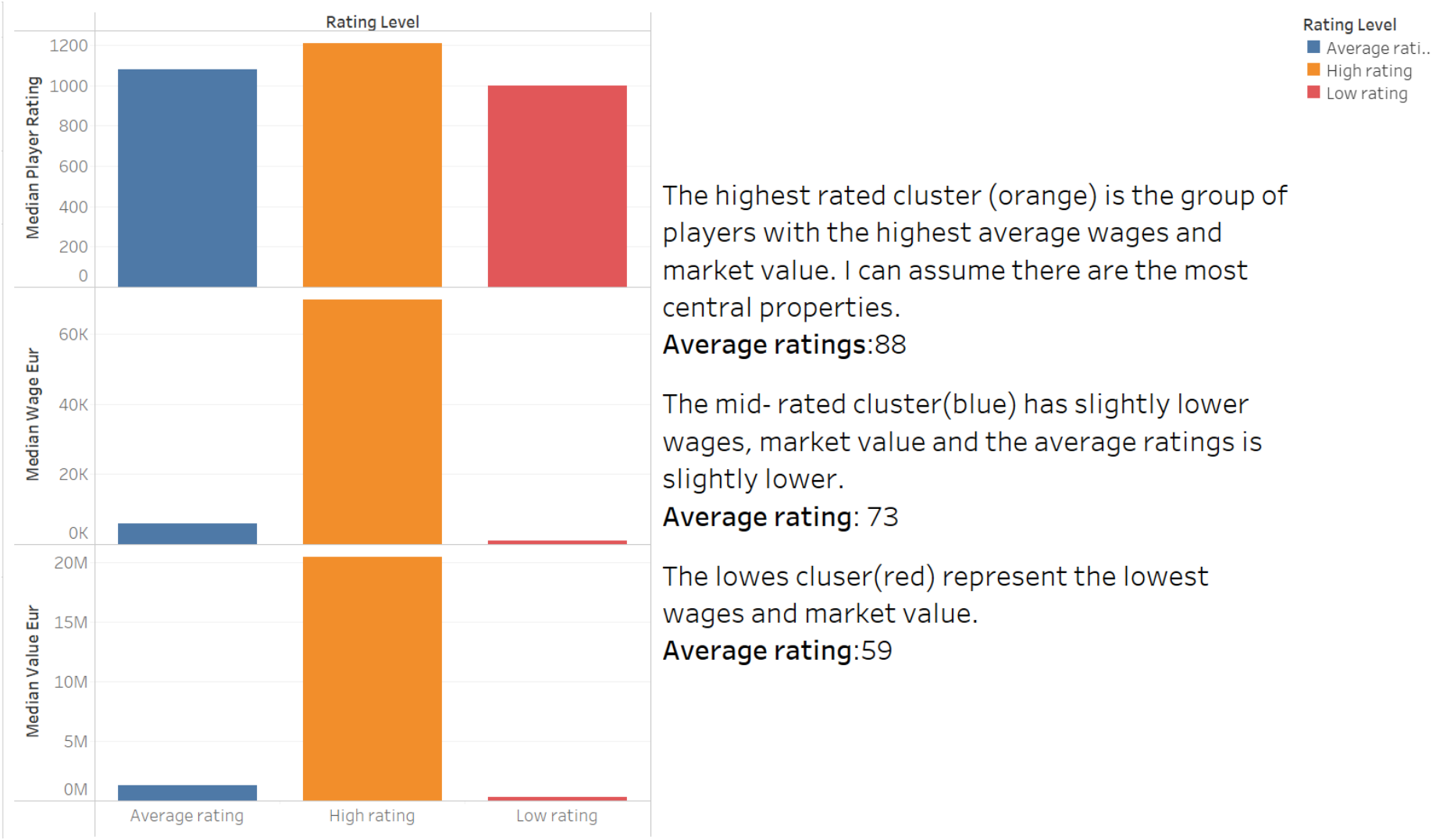


This chart shows that an increase in a player's wages will lead to a rise in their ratings. It also shows them in a group by rating level.

The color code represent

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

VISUALIZATIONS



The highest rated cluster (orange) is the group of players with the highest average wages and market value. I can assume there are the most central properties.
Average ratings:88

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

The lowes cluser(red) represent the lowest wages and market value.
Average rating:59

INSIGHTS AND CONCLUSION

When choosing the rating for a FIFA player, the following player's data should be considered:

- 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.