

FIFA Player Analysis

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About the Project

The FIFA dataset is derived from EA Sports FIFA 19, one of the most popular football video game simulations worldwide. It includes extensive player information such as their personal attributes, skill ratings, and financial details.



Dataset Overview

- **Player profiles:** Name, age, nationality, club, and position.
- **Financial details:** Market value, wage.
- **Performance metrics:** Overall, potential, and growth potential.
- **Skill ratings:** Specific attributes like passing, dribbling, goalkeeping, and more.



Objective

This project aims to analyze the dataset and generate actionable insights through interactive Tableau dashboards. The key goals include:

- Identifying top-performing players, clubs, and young talents.
- Highlighting market trends, such as player value and growth potential.
- Creating user-friendly dashboards for effective exploration and decision-making.

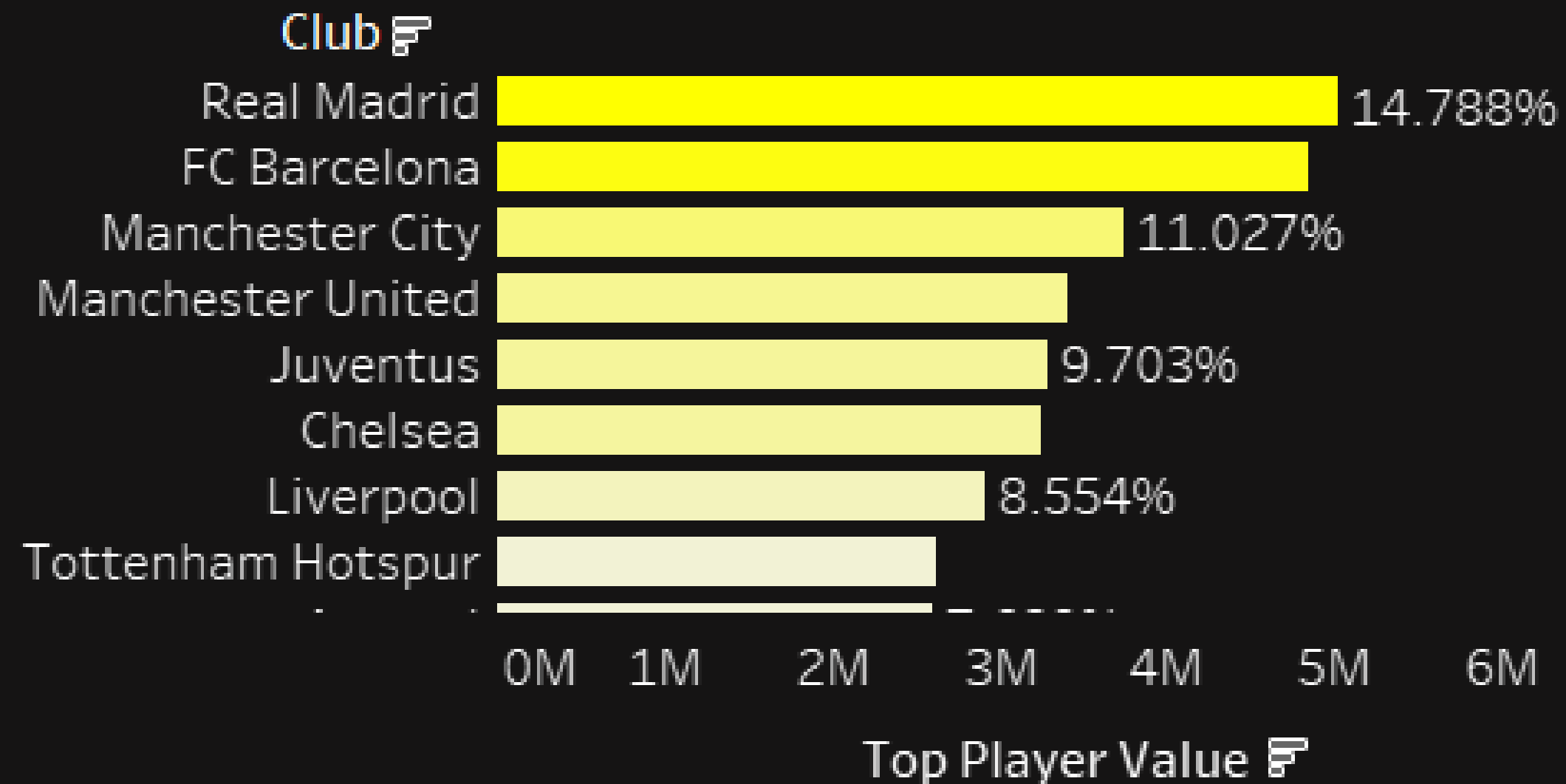
Tools Used:

- **Data Visualization Tool:** Tableau
- **Data Source:** FIFA 19 dataset

Insights: Top 10 Clubs by Player Value

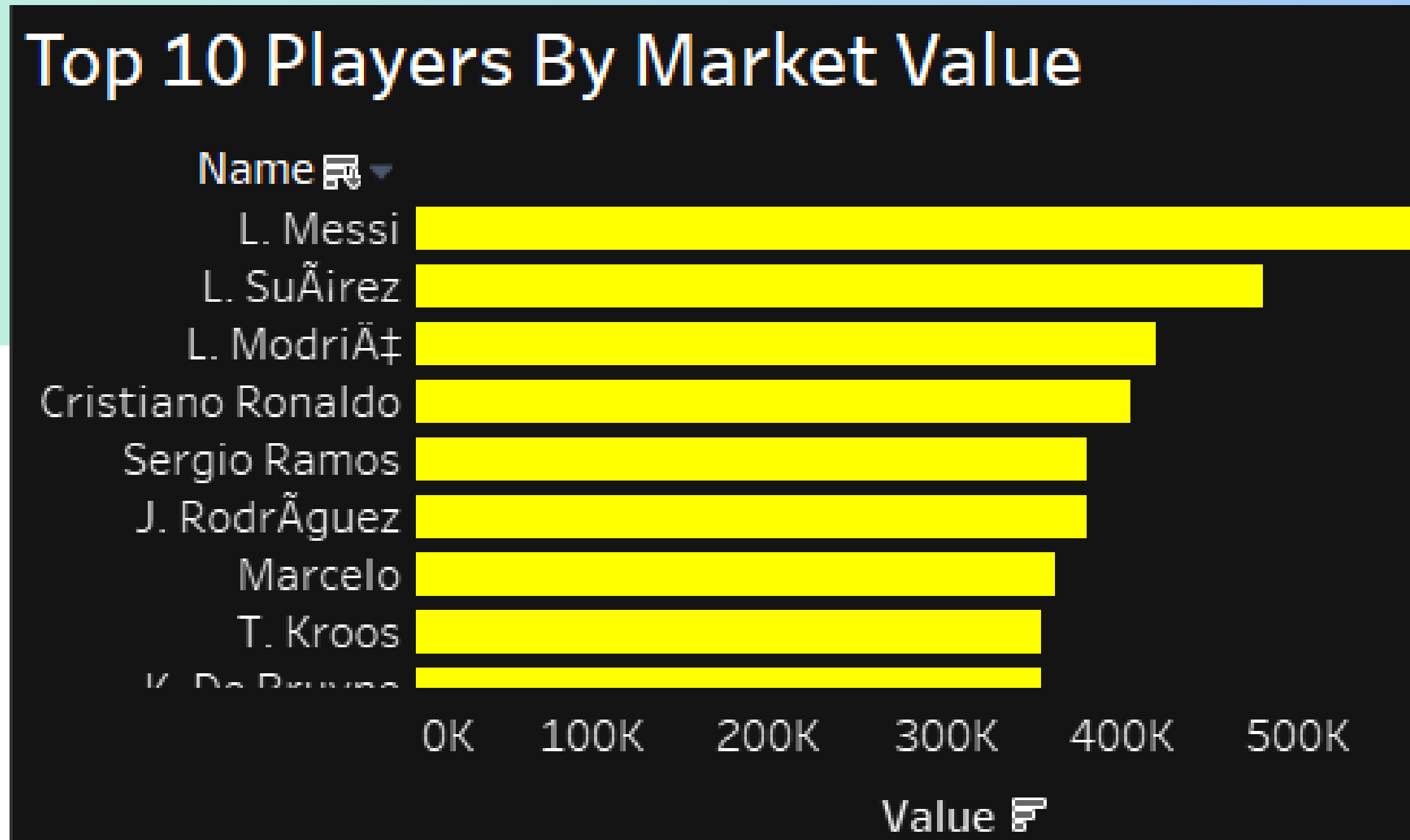
- Real Madrid and FC Barcelona dominate with the highest player values.
- Clubs like Manchester City and Juventus follow closely.
- Percentage contribution of each club displayed on the dashboard.

Top 10 Clubs by Player Value



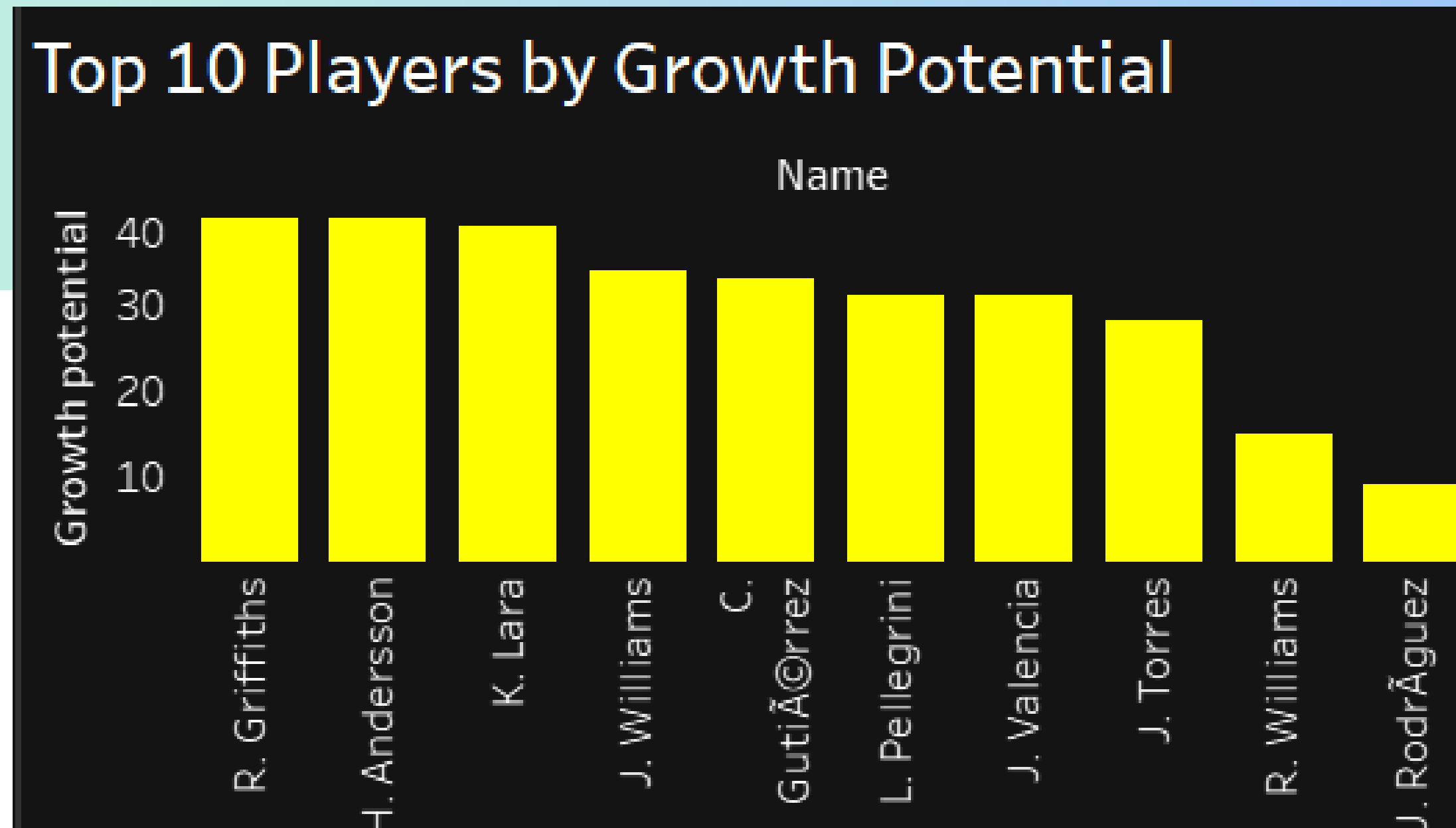
Top 10 Players by Market Value

- Lionel Messi and Luis Suárez lead with the highest market values.
- Insights on player age, club, and overall ratings from tooltips.
- Bar chart visualizes the rankings clearly.



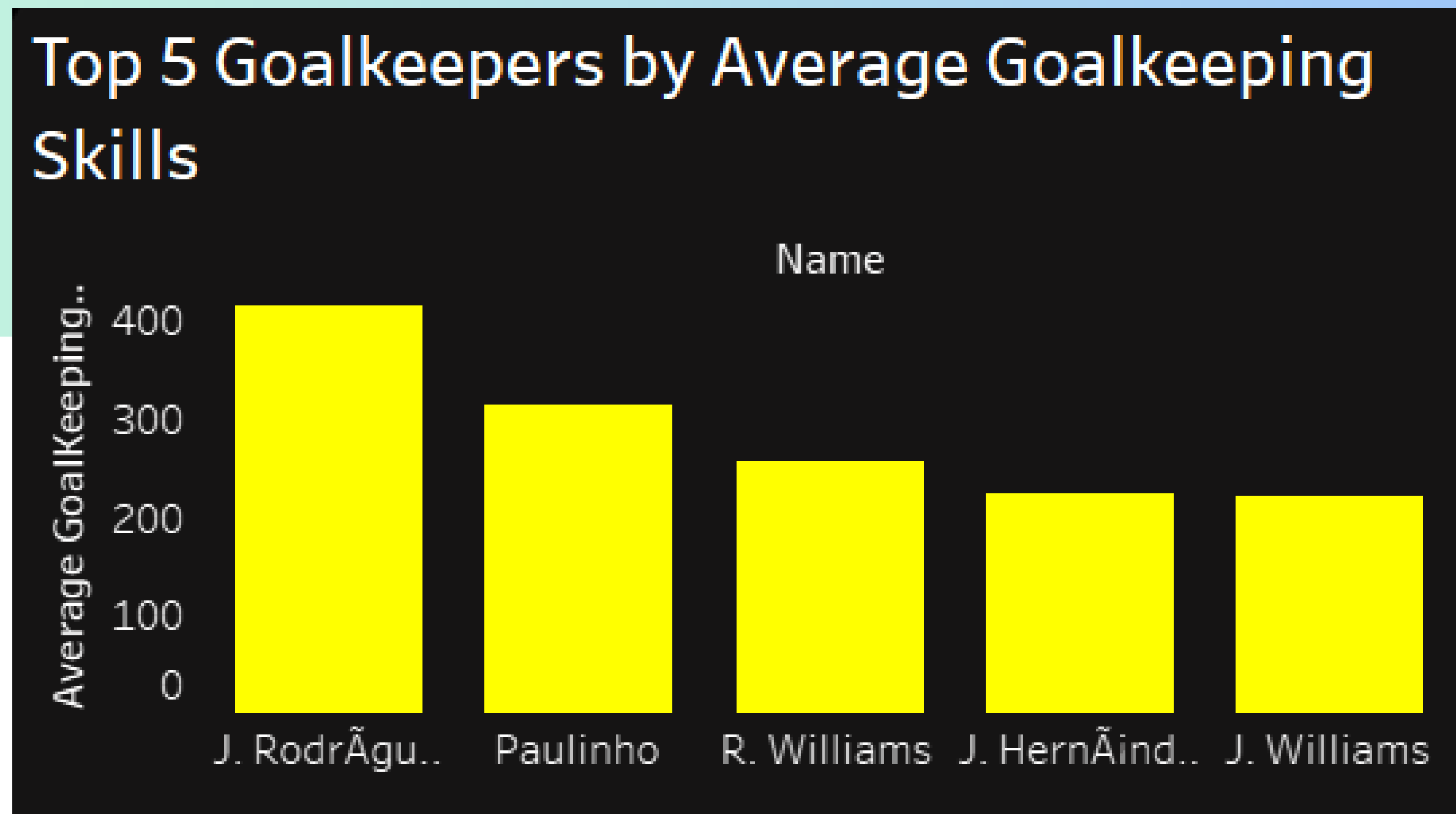
Top 10 Players by Growth Potential

- Focus on young talent with the highest growth potential.
- Key players like R. Griffiths and H. Andersson identified.
- Growth potential calculated as the difference between overall rating and potential rating.



Top 5 Goalkeepers by Average Skills

- Analysis of goalkeeping attributes such as GK Diving, Reflexes, and Handling.
- Top-performing goalkeepers identified: J. Rodríguez, Paulinho.
- Dashboard highlights overall average skill ratings.



Top 10 Players by Position

- Interactive analysis based on player positions (e.g., LCB, ST, GK).
- Users can dynamically filter players by position.
- Insights include top player's overall ratings and tooltips for additional details.



Summary and Key Takeaways

- The analysis reveals top-performing players, clubs, and young talent.
- Interactive dashboards enable detailed exploration of the FIFA dataset.





THANK YOU