

# **FIFA Player and Team Analysis**

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Soccer, often hailed as the "beautiful game," captivates an immense global audience, numbering in the billions. Its extensive history and worldwide popularity have turned it into a cultural sensation that transcends geographical and linguistic boundaries. This widespread appeal has resulted in the accumulation of vast volumes of associated data, encompassing various aspects such as individual player attributes, team performance, and match/tournament outcomes. FIFA, representing The Federation Internationale de Football Association (French for 'International Association Football Federation'), serves as the international governing body for association football, beach soccer, and futsal. The FIFA dataset comprises data from both domestic leagues and international games played across the globe, offering a comprehensive view of soccer's evolution over the decades.

A list of accomplishments we would be trying to achieve:

- Individual player stat Analysis.
- Team Performance Analysis.
- Overall League Analysis.
- Out-of-country player language barrier analysis in various leagues.

Individual player stats give importance to the player's technical skills, game style, physical capacity, and on-field match performance. We will be analysing all these stats to provide an overall rating for the player. In team performance analysis, we would be looking into the chemistry between players, player effectiveness within the team, ball passes, possession, and number of goals scored. The accumulation of all these would contribute to the overall team's performance. In the overall league analysis, we would compare the team's past performances to the current performance and see if they have performed better or gone down. In the language barrier analysis, we would be observing the language differences between overseas players and the local language of the league that they are part of.

We would be accumulating and merging various datasets from the past and current to compare and analyse the player's and team's performance from the past performances and to their current form in the latest season. Also, we would be extending this approach to identify the increase in player and team's market value, like wage differences. Does age play an important role in a wage? and the player's actual base value is based on nationality.

In conclusion, we look forward to accomplishing the above-mentioned analysis from a FIFA dataset, and we would like to present it with the help of a visual interactive dashboard using Power BI.