English Premier League 2024/25 Player and Team Performance Analysis

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Correlation One

Clubs	Goal Keepers	Defenders	Midfielders	Forwards
20	45	203	228	86

Business Context

The English Premier League is one of the most competitive and popular football leagues in the world. Millions of people watch it every week, following their favourite teams and players closely. Each season, the league produces a huge amount of data, from goals and assists to tackles, passes, and saves.

However, this data is not always easy to understand or use. Many fans want to know which players perform best, how their team is improving, and what areas need more work. The best way to answer these questions is through data analysis that turns numbers into clear insights.

This project focuses on the 2024/25 Premier League season, analysing real statistics to understand player and team performance. The goal is to highlight who performed well, how teams compared, and what factors influenced the final league table, including why some teams achieved success and others were relegated.

Analysis

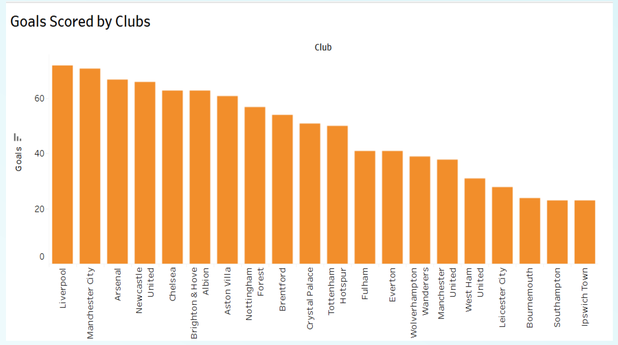
Out of the 20 clubs, Liverpool ranked first in total goals scored, showing how strong their attack was throughout the season. Meanwhile, three of the lowest-scoring teams, Leicester City, Southampton, and Ipswich Town, ended up being relegated, which clearly shows how goal-scoring performance is directly linked to staying in the Premier League.

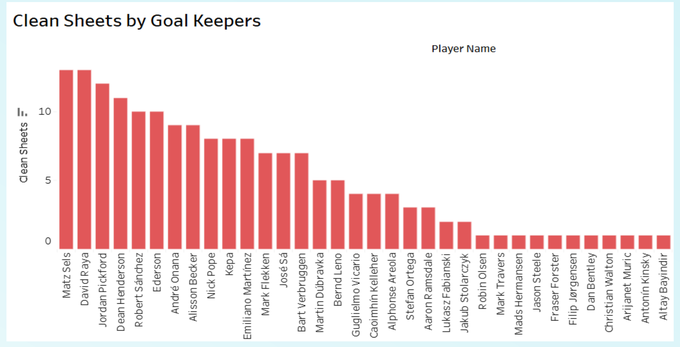
Out of 45 goalkeepers, Matz Sels from Nottingham Forest was the top performer, achieving 13 clean sheets and maintaining a high save rate. Considering he plays for a mid-table team, his performance was outstanding and can be seen as an overachievement.

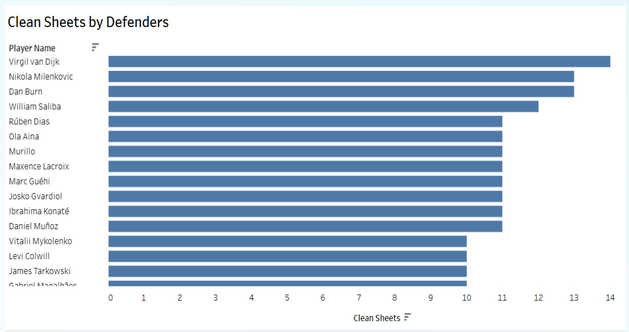
In defence, players like Virgil van Dijk and Nikola Milenkovic stood out with high clean sheet numbers and strong defensive contributions. They were among the top centre-backs in the league, along with Dan Burn and William Saliba, who also performed at a very high level both defensively and in helping their teams build attacks.

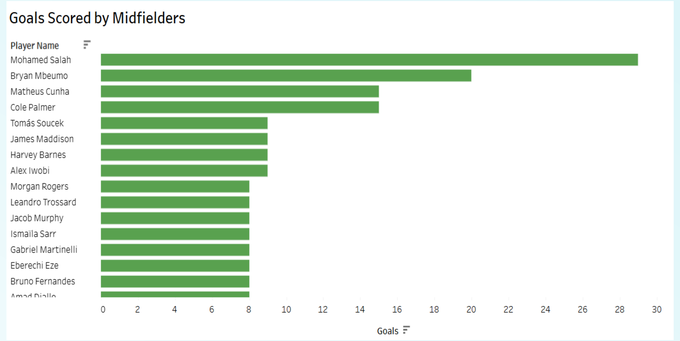
In the midfield, Mohamed Salah was the best player of the season. He was both the top goal scorer with 29 goals and the top assister with 18 assists, playing a key role in helping Liverpool win the Premier League title. His all-around contribution made him the most influential player in the league.

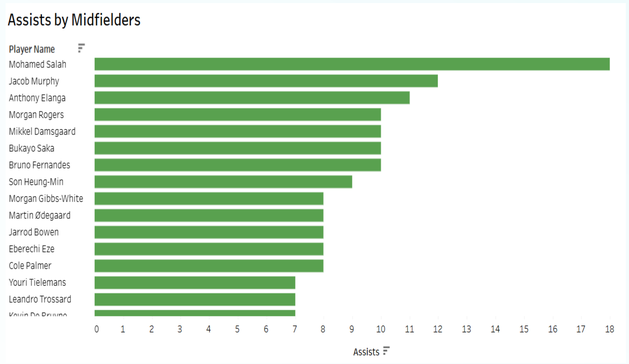
For forwards, Alexander Isak had a great season with 23 goals, helping Newcastle United qualify for the Champions League. Similarly, Chris Wood scored 20 goals and played a major part in helping Nottingham Forest qualify for European competition.

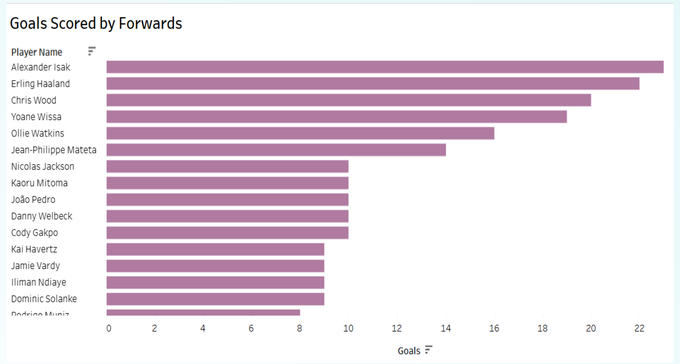












Limitations

This analysis is based on players' overall performance across the entire season, which means it does not track how their performance changed from match to match or during different stages of the season. Having this level of detail would have made the study more dynamic and insightful.

Another limitation is the lack of advanced metrics such as expected goals (xG) and expected assists (xA). These metrics are important because they show whether a player performed above or below expectations by comparing the goals and assists they were predicted to achieve with what they actually delivered. Including this data could have provided a deeper understanding of player efficiency and impact.

The analysis is focused only on offensive and defensive statistics and does not include physical or tactical metrics such as pressing intensity, distance covered, or heat maps. These could offer a more complete view of a player's involvement and contribution beyond goals and assists.

Next Steps

Coaches, analysts, and scouts can use this data to identify top performers and highlight areas for improvement.

Football content creators can also benefit, as the analysis provides reliable statistics to support rankings and discussions.

This approach can be applied to any past or future Premier League season to track performance over time.

In the future, adding predicted metrics such as expected goals or expected assists for players and teams would make the analysis even more exciting and valuable.