

Problem Statement:

- Analyze the factors influencing NBA player performance during the 2023-2024 regular season and playoffs to identify key performance metrics that significantly impact player effectiveness. The goal is to provide actionable insights in the near future that can inform strategic decisions and enhance player effectiveness.

Context

- In the competitive landscape of the NBA, understanding the factors that contribute to player performance is crucial. Teams can use these insights to optimize game strategies, player training, and overall team dynamics.

Criteria for Success

- The project will be deemed successful if it identifies key performance metrics and provides insights that are actionable and valuable for NBA teams, analysts, and coaches in optimizing player performance and strategic planning.

Scope of Solution Space

- The project will involve statistical analysis and data visualization to uncover patterns and trends in player performance metrics. The analysis will focus on data from the 2023-2024 season, including both the regular season and playoffs.

Constraints

- Constraints include data quality, the challenge of isolating individual contributions from team dynamics, and the potential need for data preprocessing.

Stakeholders

- The primary stakeholders who will use the insights from the analysis to make strategic decisions, optimize player training, and improve overall team performance.

Data Sources

- NBA Player Stats Season 23/24 from Kaggle