NBA Proposal

Proposed by

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The National Basketball Association is a professional basketball league in North America.

To measure the performance of their players and predict their future performance, statistic will help us to determine that.

Goal:

We'll use NBA season statistics to build a basic linear regression model to predict number of points based on the number of played minutes.

Question:

- Can a linear regression model predict the number of points in a future based on number of minutes?

Data Description:

In this project, we will obtain data from the NBA by using the features PTS and MIN which have a total of 536 observations.

To construct the NBA model, we determined that the x-variable will be the number of points (PTS) and the y-variable will be the number of minutes (MIN).

PTS (Points) : The number of points scored.

MIN (Minutes Played) : The number of minutes played by a player or team.

Tools:

- Pandas
- NumPy
- Sklearn
- requests
- nba_api
- matplotlib
- seaborn
- patsy