

# NBA Proposal

Proposed by

Rania Almneie  
Hanadi Alshahrani  
Najd Alqahtani



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 for players.

## Question:

- Can a linear regression model predict the number of points in a future season and which features used in the model?

## Data Description:

Data was extracted from the NBA website for players composed of 536 observations and 7 features which are:

PTS (Points)

MIN (Minutes Played)

PLAYER(Player names)

FGM (Field Goals Made)

3PM (3 Point Field Goals Made)

FTM (Free Throws Made)

FP (Fantasy Points)

## Tools:

- Pandas
- NumPy
- Sklearn
- Seaborn
- Tableau
- matplotlib
- Selenium
- BeautifulSoup

