**Name:**

NBA: No Bad (players) Allowed

**Title:**

Forecasting Basketball Player Positions Using Machine Learning

**Team Members:**

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**Project Description:**

In this project, we are going to use an dataset containing NBA statistics and records from 1950 to the present. Using a selection of the 60+ features contained in the dataset, we will train a machine learning model to predict player position based on player attributes. After completing the modelling and testing phases, using Tableau, we would like to create a visual interpretation of what the model is doing behind the scenes. As a final goal, we want to use this model to forecast ideal NBA positions for college basketball players entering the NBA draft.

**Data Source:**

“NBA Players stats since 1950” on Kaggle (<https://www.kaggle.com/drgilermo/nba-players-stats?select=Seasons_Stats.csv>)

**Tools Used:**

* Python machine learning libraries (scikit-learn and/or tensorflow) for creating machine learning models.
* Pandas for dataset manipulation.
* Tableau for dataset visualization and story functionality.

**Github Repository:**

<https://github.com/blhawkins/NBAForecasting>