

# Can you predict which NBA players will make the "All-Star" team?

## Part one: Clean the data

Import libraries

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In [ ]:
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Load 'player\_data.csv'

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In [ ]:
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Drop the first column

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In [ ]:
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Remove null values from "Players" column

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In [ ]:
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Replace null values with 0's in the '3P%' column

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In [ ]:
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Remove rows for players who started their careers before the 1980 season

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In [ ]:
```

**Load in the 'all\_star\_appearances.pickle' file and use this data to create a column called 'all\_star' that indicates whether or not a player made the All-Star team for a given year**

- This file is a dictionary in which the keys are players who've made an All-Star team in their careers
- The values are all the years that the corresponding player made an All-Star team

**Make sure this column is binary where 1 = Made All-Star team, and 0 = Did not make All-Star team**

In [ ]:

## Part 2: Exploratory data analysis

**Generate descriptive stats for the features**

In [ ]:

**Create a corr map of the features**

In [ ]:

**Graph the distribution of the 'Age' feature**

In [ ]:

## Part 3: Classification

**Build a classifier that predicts whether or not a player makes an All-Star team based on their stats for that season**

In [ ]: