Proposal #2

Problem Identification

Many people watch the NBA to enjoy themselves. Some people may wonder how the new recruits to the NBA are performing and how they will continue to perform in the future. This classification model is meant to show how successful these NBA players will be throughout their career.

Problem statement formation

Based on their performance at each game, will a NBA basketball player have a long term career (5 years or more)

Context

Generally, if a basketball player performs well frequently, then they are most likely to have a long career.

Criteria for success

In this model I will analyzed the performance variables against the target variables to determine if NBA players' success is based on performance.

Scope of solution space

I will perform a classification RandomForestClassifier machine learning model to prove that the longevity of an NBA player's career is based on their performance.

Constraints

None so far

Stakeholders

None.

Data sources

https://data.world/exercises/logistic-regression-exercise-1

What is the problem you want to solve?

I want to find out if NBA players' success is based on their performance.

Who is your client and why do they care about this problem? In other words, what will your client do or decide based on your analysis? For this activity, I am simply doing it for my own educational purposes. I am not reporting this to a client or a company.

What data are you using?

I found the data set from data.world

What are your deliverables: A GitHub repo containing the work I completed for each step of the project, Jupyter notebook with the machine learning model, A project report