NBA Game Outcome Predictor

*Ryan Zupansic*

Goal: To train a ML model to predict the outcome of future NBA games

Steps to achieve this goal:

* Research the largest factors to determine a team’s success
* Obtain this data for the past ??? seasons and apply filter engineering to ensure our model is given only the information required
* Test the model on a subset of games this season, unseen by the model.

Foreseeable Challenges:

* NBA’s upward trend of scoring over the past 6 years
* Deciding how far back the data used to train the model will go.
* Testing our model in the present (the playoffs are currently ongoing.)

Important Factor to predict a Win:

* HOME TEAM (str)
* AWAY TEAM (str)
* PTS AVG LAST 5 (int)
* ELO (int)
* BACK-TO-BACK (bool)