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Project 3 Proposal - NBA DRAFT

Purpose:

Utilize players college basketball stats, combine results, college team strength of schedule, the players first 3 years of NBA stats in order to create a machine learning model

Possible Outcomes:

1. outcome variable would be round 1, round 2, or not drafted
2. outcome variable would be the overall pick order in the draft, or not drafted
3. How likely are they to become an All-Star, Starter, Role Player, or Bust

Sources of Data:

* Basketball-reference.com
* Sports-reference.com/cbb
* <https://stats.nba.com/draft/combine-strength-agility/>

Can we figure what variable was the most influential to the outcome variable?

Inspirations:

* <https://www.espn.com/nba/story/_/id/23771351/espn-draft-analytics-model-makes-nba-draft-projections>
* <https://projects.fivethirtyeight.com/2020-nba-player-projections/paul-george/>

Final Product

* Create a website that provides an at a glance view of our possible outcomes, how probable each one is (viz), with user interaction to provide a more filtered view