**Get Strategy Together**

* Visualize Data
  + Look for historical hole in data
  + Who has vegas been wrong about in 2019 thus far? Why is that?
  + What is a more stable bet, amongst Spread, Moneyline, and Total
    - How do the ups and downs of a game (score-wise) help predict the totals?
* Simple regressions to get a sense of what is driving what
* Think about ML
  + Maybe start with PCA to narrow down variables contributing to win? Will want data on teams prior to that game they play to get a sense of what everyone else is thinking?
* What (lagged) level of time makes the most sense to look into as we’re doing this?
  + Is it best to look at team performance in last 3 games? 4 games? What is vegas doing? Where are they off..?
* Something worth confirming: Is Pinnacle generally pretty close to PGW on a given night? Want to make sure of this or else using Pinnacle data isn’t the right move (should use another company)
* What is the confidence interval of spread? When does it make sense to jump in?
* Does Vegas predictions get better over time within the same
  + Visualize
  + Run Regression (controlling for year) to see if there is a decrease in incorrect predictions for Vegas from beginning of season to end.

**Helpful Links**

<https://towardsdatascience.com/which-nba-players-are-most-similar-machine-learning-provides-the-answers-r-project-b903f9b2fe1f>

<https://towardsdatascience.com/making-big-bucks-with-a-data-driven-sports-betting-strategy-6c21a6869171>