



# Ballpark Bookie

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# Motivations

*Why Ballpark Bookie?*

- Interesting applications of data science
  - Big Data
  - Linear Regression Algorithm
- Make use of interest in sports and sport statistics
  - Baseball
- Econometrics



# Project Description

- Ballpark Bookie is a web application that gives users predictions about any MLB matchup they desire.
- Ballpark Bookie takes into account all of the statistics and data acquired during season and simplifies it into percentages that allows the users to make informed betting decisions



# Limitations

- Limited last semester due to api access
  - Daily/ Seasonal game lines
  - Futures
- Algorithm uses team statistics for each team due to other variables
- Baseball season ended
  - Hard to test/ get real results



# Improvements

- We are collecting a lot more data in order to add accuracy to our predictions:
  - Game Lineup
  - Seasonal Player Stats
  - Seasonal Venues
  - Players info
  - Standings
  - Game Line Odds
- Improve the front end for easier use
- The goal is to reach over 65% accuracy



# Next Steps

- Unsure if we will deploy our project online
- This will mostly be for personal use

## Other Sports?

- We could also apply this algorithm to other sports like football and hockey, but there is a good chance that our accuracy will not be nearly as high