NEXT PITCH ™

Connor Anderson

Problem?

- Master Mental Approach

- Maximize Talent

- Understand Pitcher Tendencies

DATA Understanding

- MLB StatsApi

- 2018 Pitch Data

- 800,000 pitches

Feature Engineering

- Added
    - Count of At-Bat
    - Previous Pitch
    - Player Stats
- Categorize
    - Inning
    - Pitch Zone

Gradient Boosted Trees

- Fastball vs Offspeed
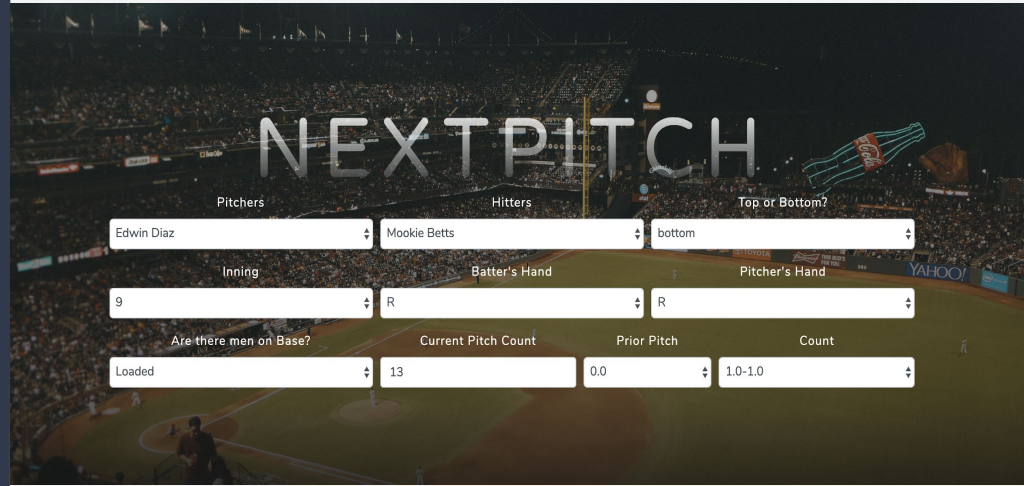- Accuracy = ~70%
- F1-Score =~70%
- AUC = ~70%

Importance

- Elite Hitters .300+ avg.
- 1.5 hits a week
- Small increase in accuracy or confidence can make a huge difference

Deployment

www.nextpitch.online

Thanks!

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