

Datahack 2024: Baseball Team Bettings

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Overview

01

Process

02

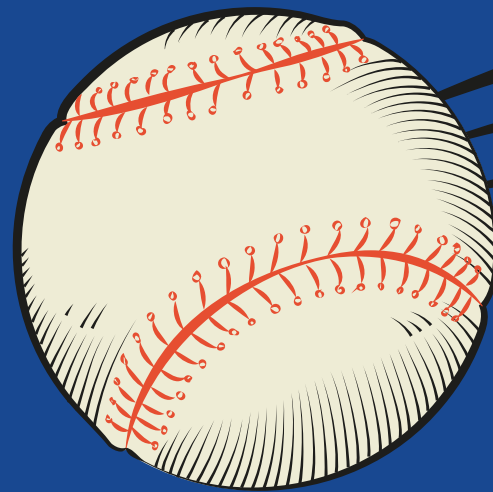
Top Choices

03

Betting

01

Process





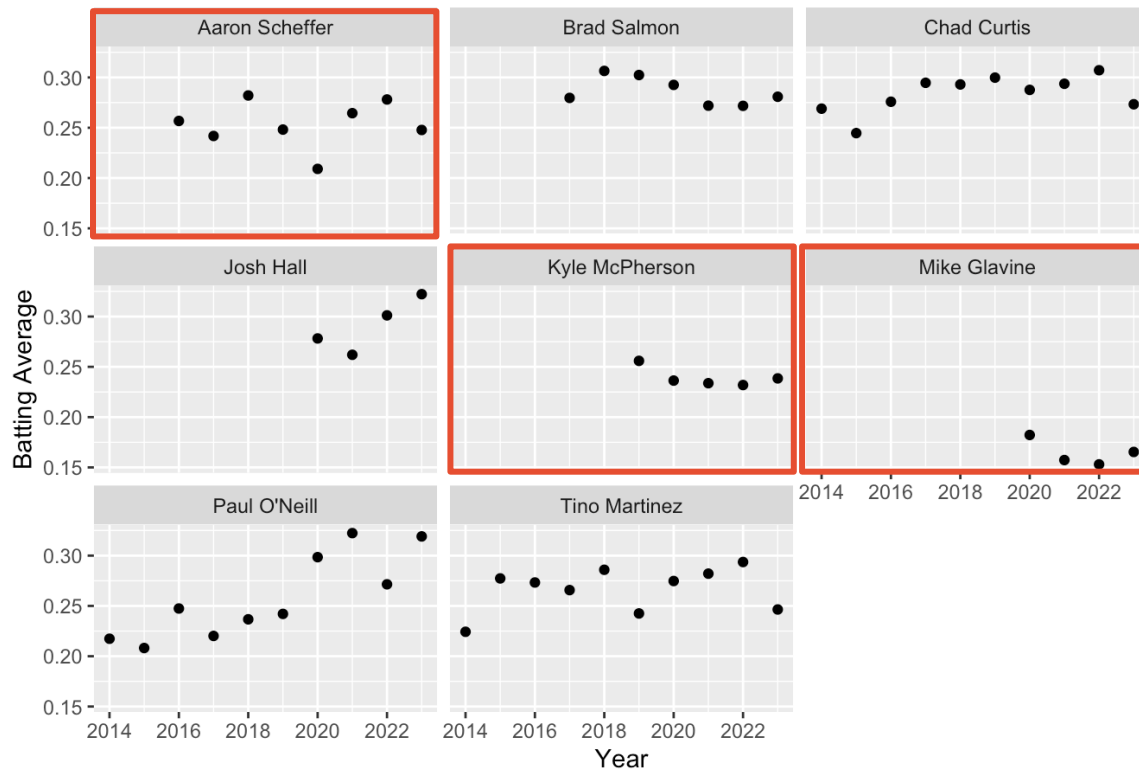
Process

1. Filtering out only Astro players
2. Finding stats of recruitable players
3. Finding worst batting average in Astros team in order to replace 3 players
4. Analyzed the recruitable players of each field that needs to be replaced



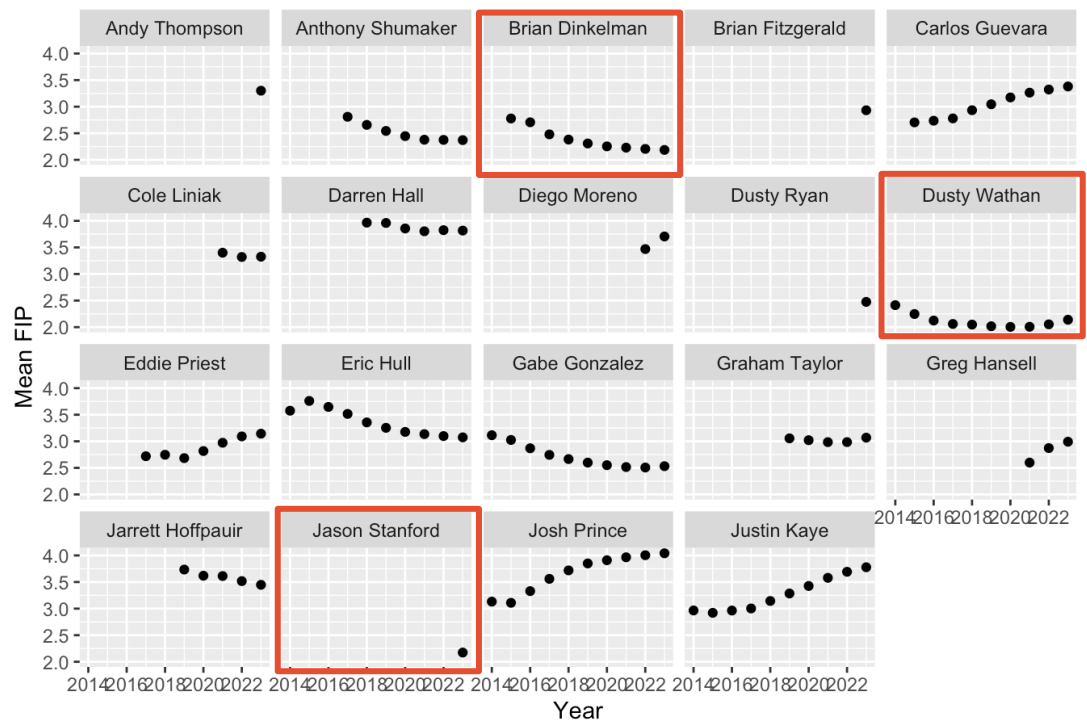
Visualizations

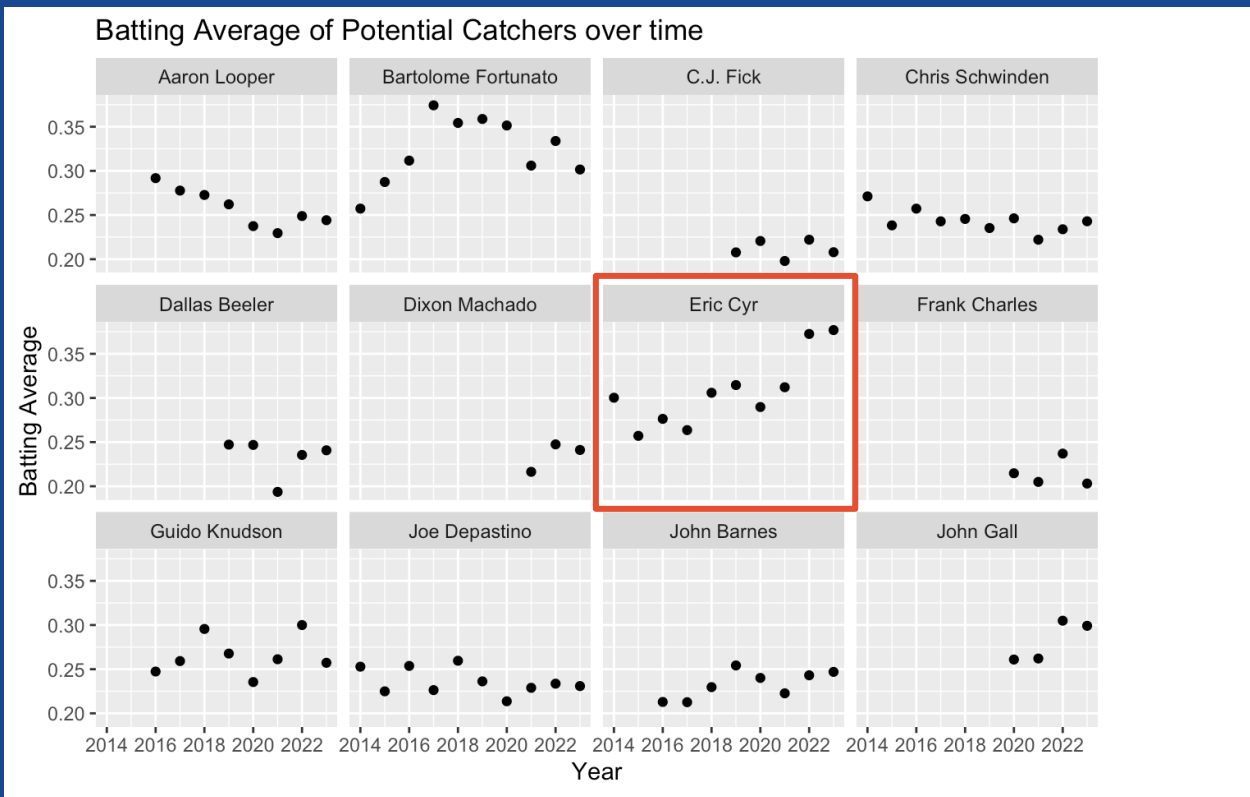
Batting Average of Current Astros members over time





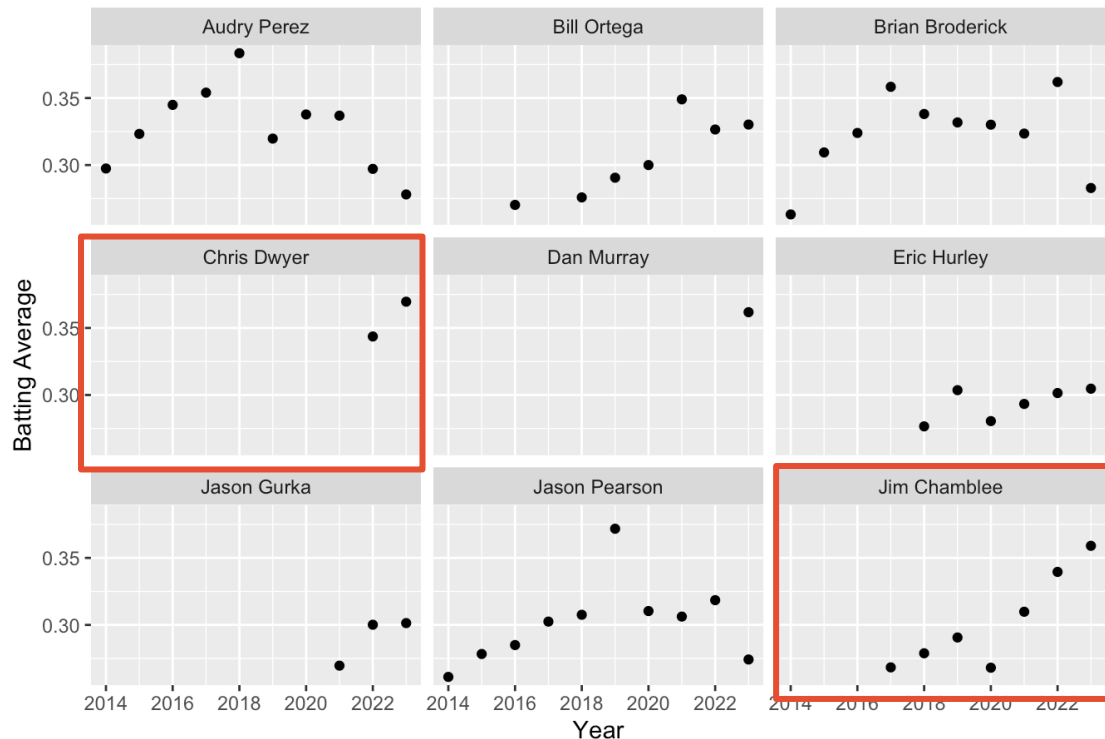
Mean FIP of potential Pitchers over time







Batting Average of Potential Infielders over time



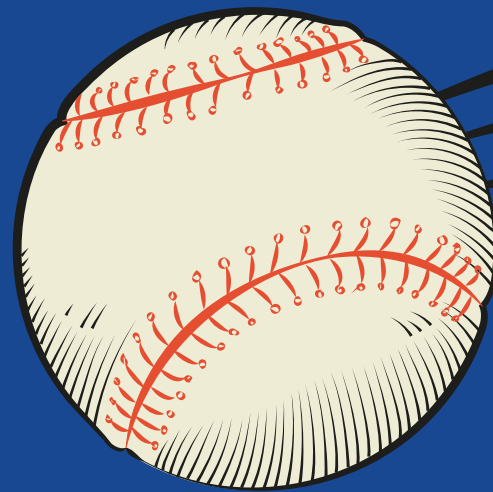


Linear Regression Model

We trained a linear regression model using the scikit-learn library to predict the future number of hits for each recruitable player.

02

Top Choices





Criteria for choosing players:

Consistency

Consistent data proves that the player is reliable.

Improvement over time

Overall improvement of the player shows their potential.

Higher Averages Overall

Players who showcase higher means are more likely to be considered.



Pitchers:



Dusty Wathan



Brian Dinkelman



Jason Stanford



Catchers:



Eric Cyr



In field:



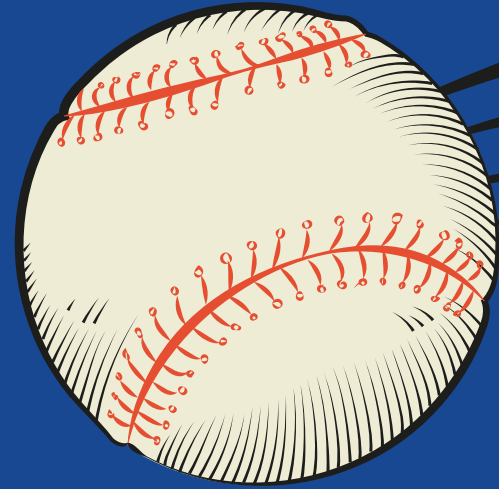
Jim Chamblee



Chris Dwyer

03

Betting





Betting Strategy

N/A

Vibes + Hopes + Dreams + \$200
to waste



Thanks!

Feel free to ask any questions.

