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Agenda

Background

Data Overview

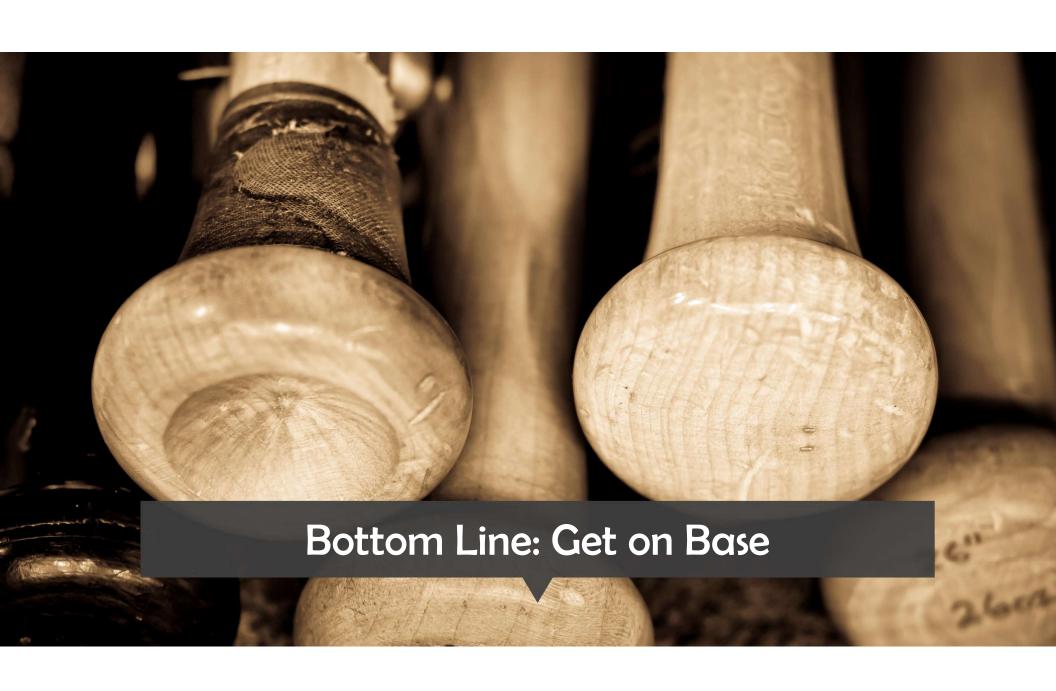
Analysis

Recommendations

Next Steps







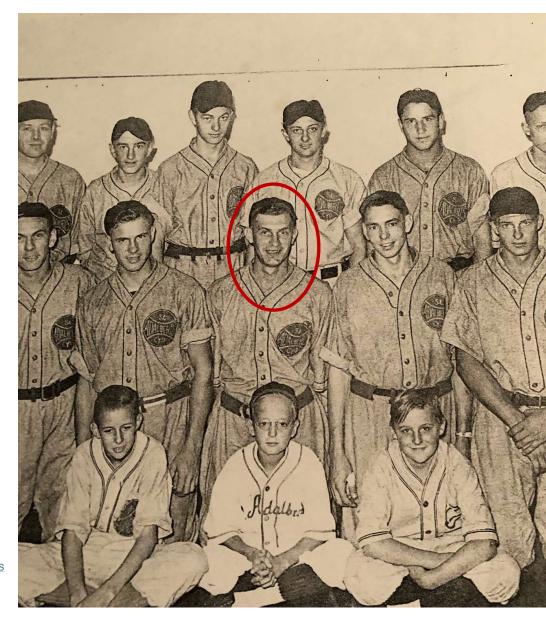
Background – Baseball Data

- 1871
- MONEYBALL
- Texas Rangers

Rangers Redux: Can Texas Repeat with Data, Analytics, and Al?

https://www.datanami.com/2024/03/29/rangers-redux-can-texas-repeat-with-data-analytics-and-

ai/#:~:text=For%20instance%2C%20the%20Rangers%20used,free%20agent%20pitchers %20would%20have.





Data Overview

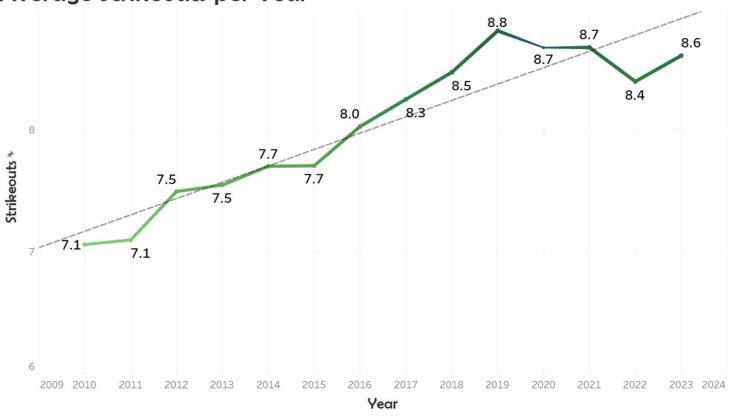
• Source: Retrosheet Game Logs

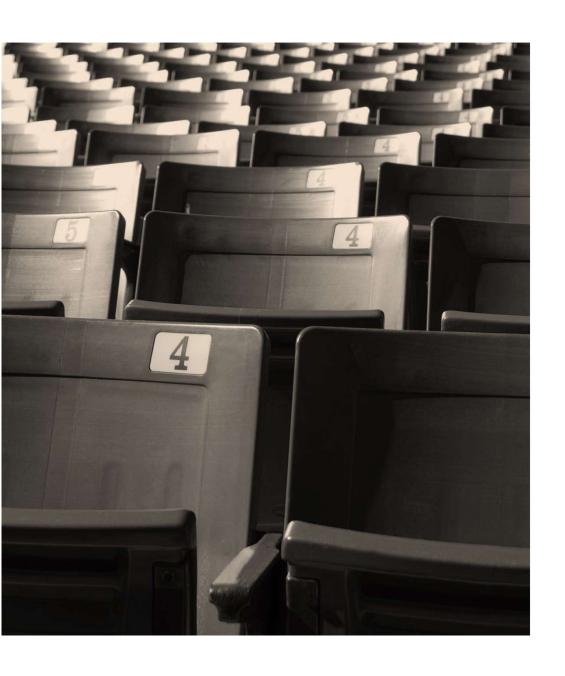
• Years: 2010 - 2023

• Features: 20 Max

Outcome: Win/Lose

Average Strikeouts per Year

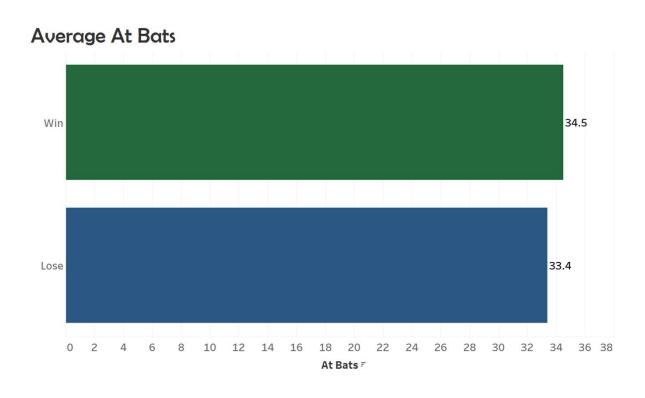




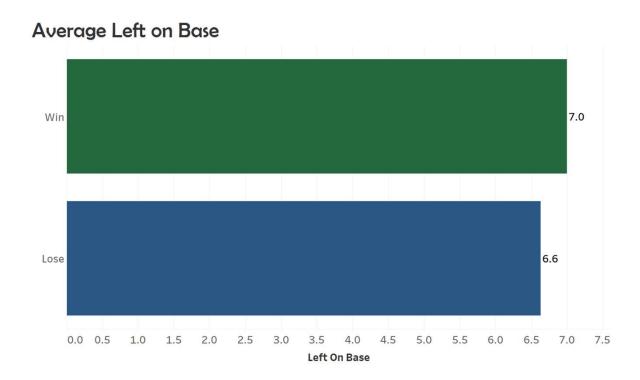
Important Model Features

- At Bats
- Left on Base
- Walks
- On Base Percentage
- Pitchers Used
- Hits
- Strikeouts

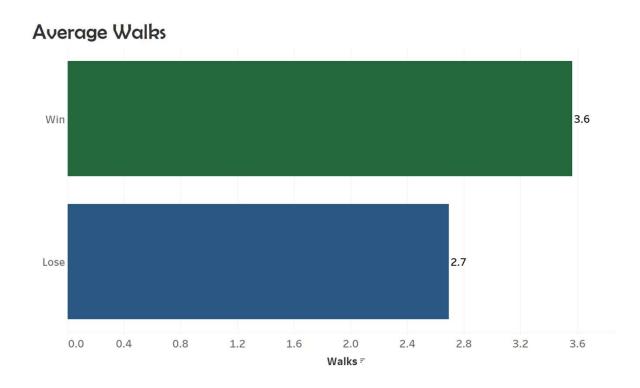
Winning teams are at bat an average of 34.5 times per game

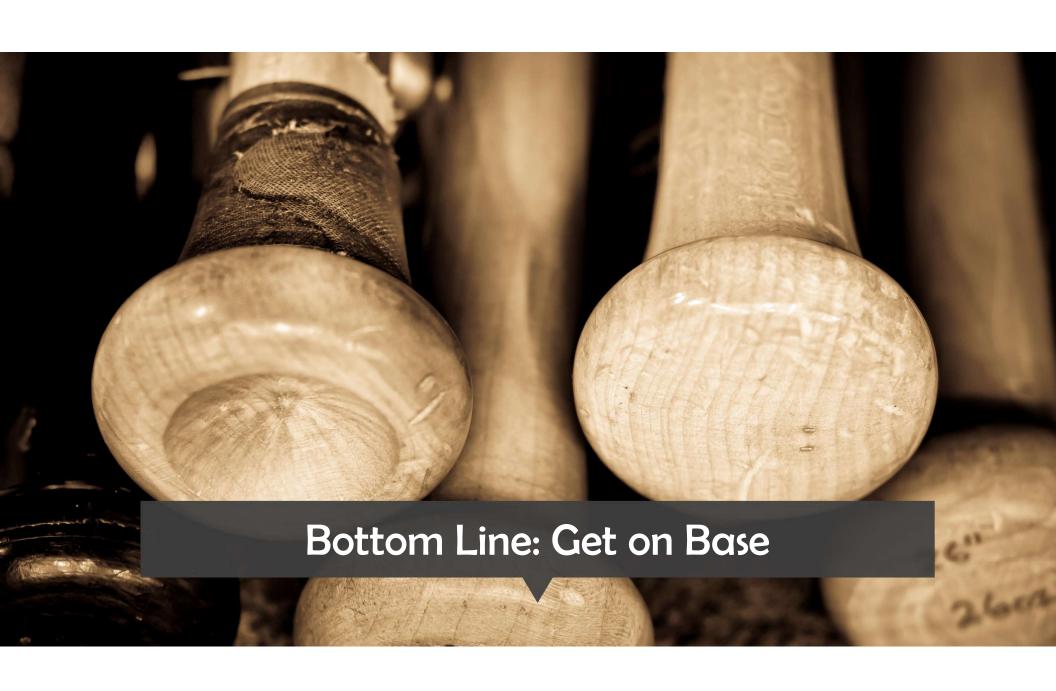


Winning teams on average had 7 players left on base per game



Winning teams get an average of 3.6 walks per game







Findings and Recommendations

- Offense is a priority
- A keen eye for balls
- Don't reinvent the wheel – Texas Rangers

Rangers Redux: Can Texas Repeat with Data, Analytics, and Al?

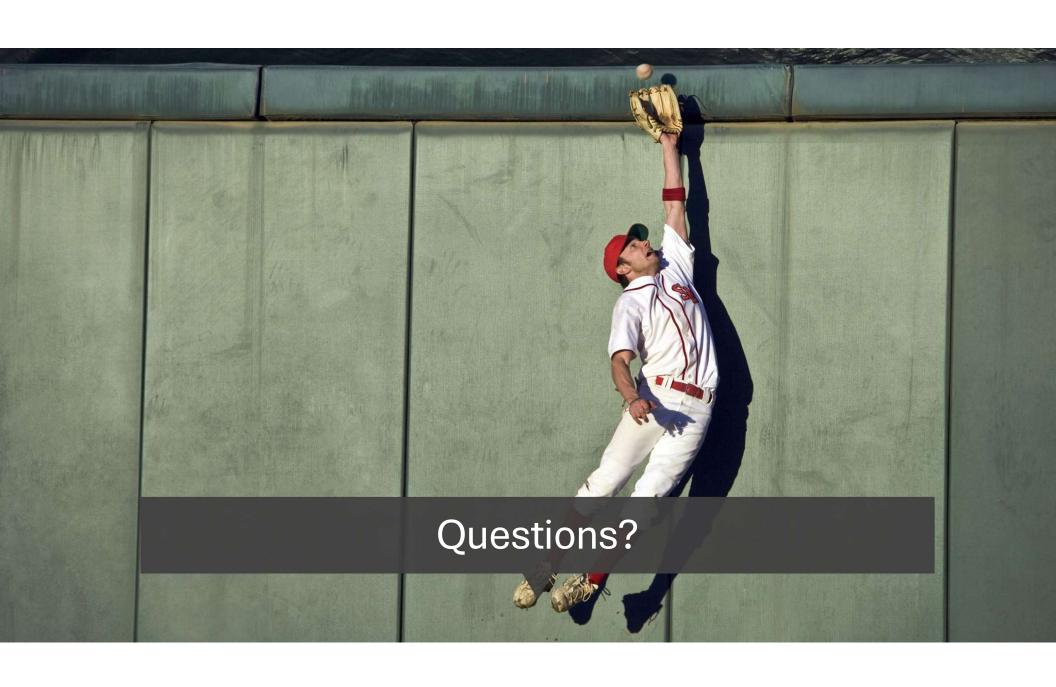
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Next Steps – Beyond the Foundational

- Picking the right players for your ballpark
- Mental fortitude and clutch performance
- New audiences





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