

“Create a Tableau Story for Baseball Data” Report

All Versions

[First Version](#)

[Second Version](#)

Summary

In this project I analyzed a dataset which includes information for 1157 baseball players. I wanted to know how player's **handedness** and **BMI status** affect their performance. To evaluate baseball player's performance, I used their scores in:

- 1- Batting Average
- 2- Home Run

These are my findings:

- Left handed players have the best average results for both batting average and home run scores.
- Although 60% of baseball players have healthy weight to height ratio based on their BMI, but over weighted players have significantly better results in both home run and batting average scores.
- 62% of top players who have batting average more than 0.25 and total home run scores greater than 300 are overweighted and right handed.

Design

- Used bar graph to show distribution of handedness and BMI status in players
- Used non intense colors to categorize handedness and BMI status categories in bar charts
- Removed axis for bar charts and displayed each bar value on top of bar instead to increase Data Ink Ratio
- Removed all grid lines to increase Data Ink Ratio

Feedback

- The text box inside the introduction section is small. The end of the text is missing
- The axis labels for scatter plots are not clear
- In slides 2,3,4 there are too many decimal places in bar labels