Write-up

The baseball data set containing 1,157 baseball players including their handedness (right or left handed), height (in inches), weight (in pounds), batting average, and home runs.

In my project work, I analyzed multiple factors that could influence the performance of the players, including the rates of the average batting and home runs. I also analyzed how these rates could be affected by the height, the weight of the player and which hand he uses.

Final Tableau Story, after feedbacks:
https://eu-west-1a.online.tableau.com/#/site/baseballplayersperformance/views/BaseballPlayersPerformance/BaseballPlayersPerformance_Final?:iid=4

Initial Tableau Story:
https://eu-west-1a.online.tableau.com/#/site/baseballplayersperformance/views/BaseballPlayersPerformance/BaseballPlayersPerformance_1?:iid=3

Design

I decided to use different color sets, as my visualization contains many sections. At first, I examined the distribution of handedness of the players. Then. I examined the effect of handedness on the rates of batting average and the home runs. I also studied the distributions of height and weight and how they may affect the rates of batting average and the home runs. Then, I studied the correlation between height, weight, batting average, and home runs to make sure of my findings.

Feedback

I shared my initial story with two of my friends. The following feedbacks was shared with me:

1. I should comment on your visualization to be clear for anyone to understand.
2. I should write a small introduction to clarify the goal of analyzing this data set.
3. It will be good if I add a small conclusion at the end of the story.

Conclusions:

1. Around 64% of the players are right handed and 27% are lest handed.
2. Right handed players have a higher batting average than the other players.
3. Weight and Height don't affect the batting average.
4. Weight and Height have some affect the home runs rate.

Resources

https://www.ncbi.nlm.nih.gov/pubmed/10483640