

Visualization Summary:

In this visualization, we will show that handedness might be related to Home Run records, while other factors like average batting have comparatively low influence on Home Run records. Three plots were introduced against Home Run records, the “400 HR Club” is studied in relation to “Avg batting”, and weight is studied against HR records. We see that left handedness on average did a much better job than the other two.

Design:

Pre-feedback:

I choose horizontal bar chart for studying handedness and Average Home Run because the length is very clear in comparison and contrast.

I choose scatter plot for studying average weight and HR since it is easy to see where the three handed groups lie. I place handedness in the Marks Color for further confirmation of the first finding, which is backed by the second plot.

I choose horizontal bar chart again for studying the “400 HR Club” with the filter of at least 400 Home Runs, with bars encoded by their handedness and a dual axis of average batting. The color encoding help me see the distribution of handedness of the top performers, while the average batting axis help me discover the relationship between HR and batting.

Post-feedback:

I add scatterplot to study relationship between HR and Height across different Handedness groups. Then I drill into smaller granularity to study the relationship across individuals by placing names in the color marks. Scatterplots are used both cases for studying cluttering patterns. After recognizing patterns, I decide to create a group distinguishing heights and use bar chart to compare each group through the clarity of length.

Feedback:

My friend asked me to study one more factor—height vs HR since he believes if a player is too high it would be hard to get more home runs. This indeed leads to a very interesting discovery. He asks me to study within handedness groups and individuals.

Resources:

N/A

[Version1 Link](#)

[Final Version Link](#)

