

First Story:

<https://public.tableau.com/profile/vishnu.kumar.v.h#!/vizhome/BaseBall-V1/Story1>

Final Story:

<https://public.tableau.com/profile/vishnu.kumar.v.h#!/vizhome/BaseBall-Final/PerformanceInsightsforBaseballPlayers>

Summary:

To start off with, my focus as I began looking at the dataset was to show the statistics related to the Handedness and the variations they showed when it came to scoring Home Runs and the difference between their averages.

The conclusions obtained from the graphs were that Left Handers were better than right handers and both handed players. Though players playing both left and right have a slightly higher average they are very small in number as compared to left handers and right handers. Also it is very clear in the plots that left handers have dominated and scored more number of Home Runs and Averages than Right Handers.

Design:

In my first attempt, I stuck only to the variables available in the given baseball dataset, which I feel resulted in a plain analysis. Feedback from my friends helped me undo my mistakes. In the initial design, I had very simple visuals which did not give a lot of insight, it plainly just showed the statistics of the Handedness of the player against their Averages or the number of Home Runs they scored.

Upon receiving the feedback, I tried to improve on the being simple factor and added more constraints to the max extend possible. I felt there must be at least 2 sheets which convey the stats and then we must give in the insights. So, the first 2 sheets were aimed at statistics about the average scored

by the different handed players and the Avg. weight, Avg. height and Avg. HRs scored by them. And next, I obtained conclusions from the statistics I had graphed. Mainly used criteria was HRs and Averages which were graphed against Height and weight based on the player's handedness.

Reason for the different plot used:

I have used scatter plot for different players is to look into each individual player's record unlike a bar or a pie. I found this more interesting since I was able to find out that there were more left handers above the 0.30 average than right handers. I have used both shapes and colours in the scatter plot to differentiate different handed players is because of the huge amount of data that is present. And simply using colours or shapes to differentiate is still confusing.

Feedback:

- 1) The First graph could be tilted and made to be descending order so that it is much more appealing to the eye:**

I changed the axis and ordered it in descending order.

- 2) The second sheet already has info from the first sheet, so that part could be removed. And it doesn't really help finding the total weight of players. Finding the average will make a lot more sense.**

I removed the "Number of records" part from rows and changed the title. I changed the sum in measured values to Average and had only Avg. height, Avg. weight and Avg. Number of HRs Scored.

- 3) Suitable Titles could be added since the graphs alone are not telling you the content. The titles give you a gist of what someone is going to see.**

I added appropriate titles to all the sheets.

- 4) The 3rd sheet is not clear and should be removed.**

I removed the 3rd sheet after the feedback and added more insights and comments(text) to the stories so that the reader can understand the insights that I wish to convey.

Resources:

N/A.