

Baseball Dataset on Tableau by H Chung

(Story board version 1 : <https://public.tableau.com/profile/mike3725#!/vizhome/Baseball-DAND-HC/Story?publish=yes>)

Dashboard version 1 : <https://public.tableau.com/profile/mike3725#!/vizhome/Baseball-DAND-HC-Dashboard/Dashboard?publish=yes>

(Story board version 2: https://public.tableau.com/profile/mike3725#!/vizhome/Baseball-DAND-HC-v2_0/Story?publish=yes)

Dashboard version 2: https://public.tableau.com/profile/mike3725#!/vizhome/Baseball-DAND-HC-Dashboard-v2_0/Dashboard?publish=yes)

- **Summary:**

- i) Left-handed are having higher homeruns and but both-handed players are having higher average battings, very closely followed by left-handed. I would say it is almost equal.
- ii) Despite momentum would be contributing heavily to the rate of homeruns, the average height and weight with the highest homerun rates are between 72 and 74 for heights and 180 and 200 for weights.
- iii) It might be assumed that both-handed players may confuse the ball-thrower hence better chance of higher average and homeruns, but does not turn out to be so. At least, on batting average, both-handed are 0.20505 and left-handed are 0.20451 which is very marginal.

- **Design:**

- i) I have mostly used a bar graph. My initial graphs that show the homeruns and averages for different hands were best shown with bar graphs. Then I made (yet again) bar graphs to find out the best homerun and best average players. As I learned the left-handed players tends to be mostly on top homerunners, I used colours to see which player is using which hand. Surprisingly and unsurprisingly, the top homerunner was left-handed. I then used spot graph with height and weight, along with colour and size for best homerunner, to understand which players with certain height and weight is giving the highest (historical) possibility of homerun. Utilising colour and size of the circle helped to identify very easily.
- ii) Overall, I did not use pie graph, as they are bulky compared to how much information it displays. Line graph was also not used since there is no timeline – which means, I would have used if a timeline data was available to show how each player or how players with certain hands shows trends in home runs and batting averages. With this dataset, such information was not available.

- **Feedback:**

- i) The layout of the graphs on the dashboard was easy to understand, given the same type of graphs were used side-by-side. Utilising the colour for different hand on the highest homerun player record was found to be very interesting.
- ii) I wish to get more feedbacks but due to the deadline, I was not able to obtain more feedbacks from more people. This is something I would focus next time.

- **Resources:**

N/A