

Create a Tableau Story Project : Baseball Dataset

By Ahmed M.Khalifa



Project Overview

For this project, I created a data visualization using Tableau to tell a story of The dataset of baseball a data set which containing data for 1,157 baseball players including their handedness (right or left handed), height (in inches), weight (in pounds), batting average, and home runs.

Stories :

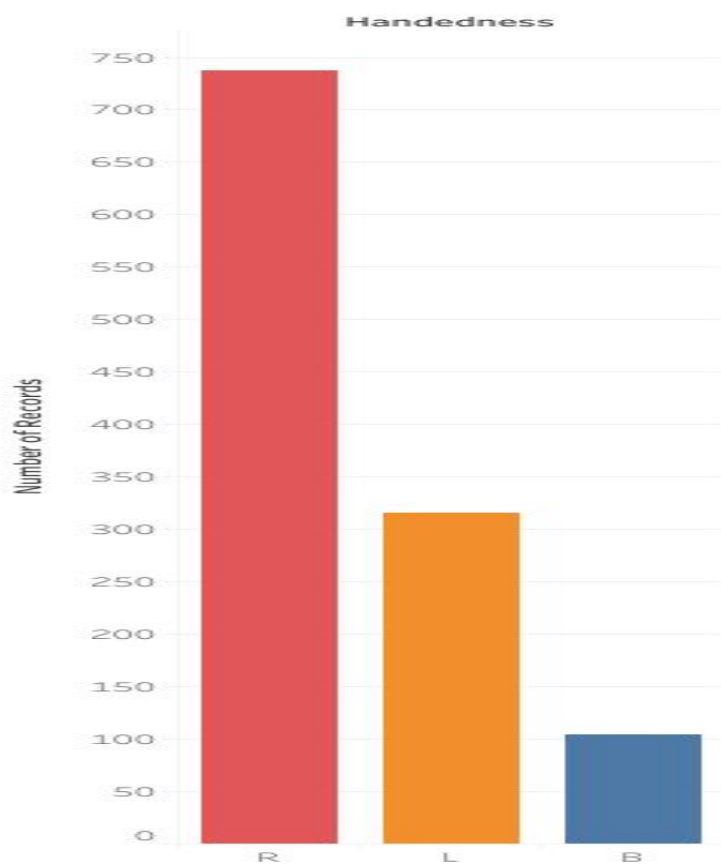
The 1st Story : <https://tabsoft.co/30idCLn>

The 2nd Story : <https://tabsoft.co/2YqWkdd>

Summery

In this project I used visualization techniques to explore the dataset & its variables (handedness, batting average, height, weight and home runs) and figure out :

1- The Distribution Of Handedness

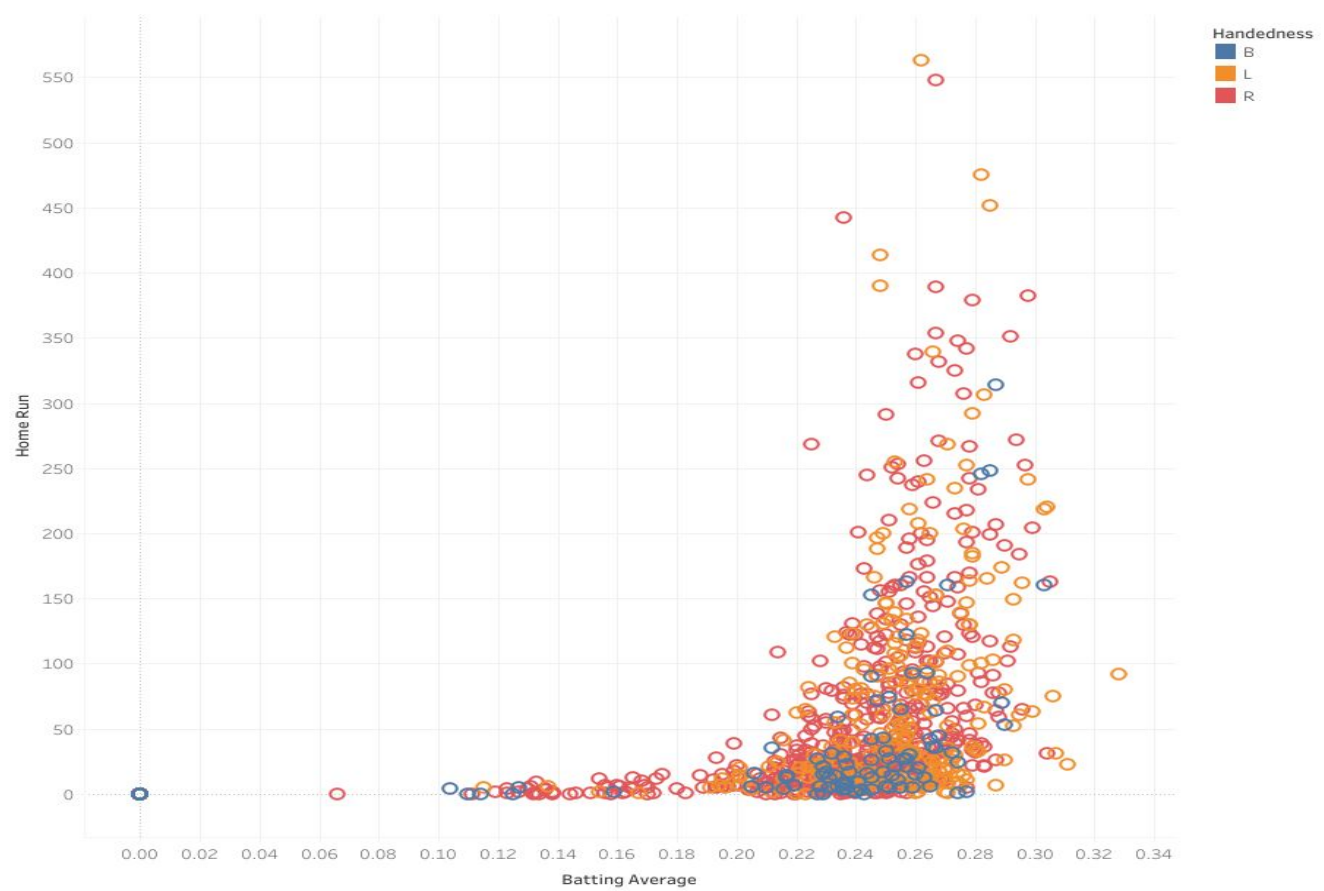


There are : 1- 737 player are right handed

2- 316 player are left handed

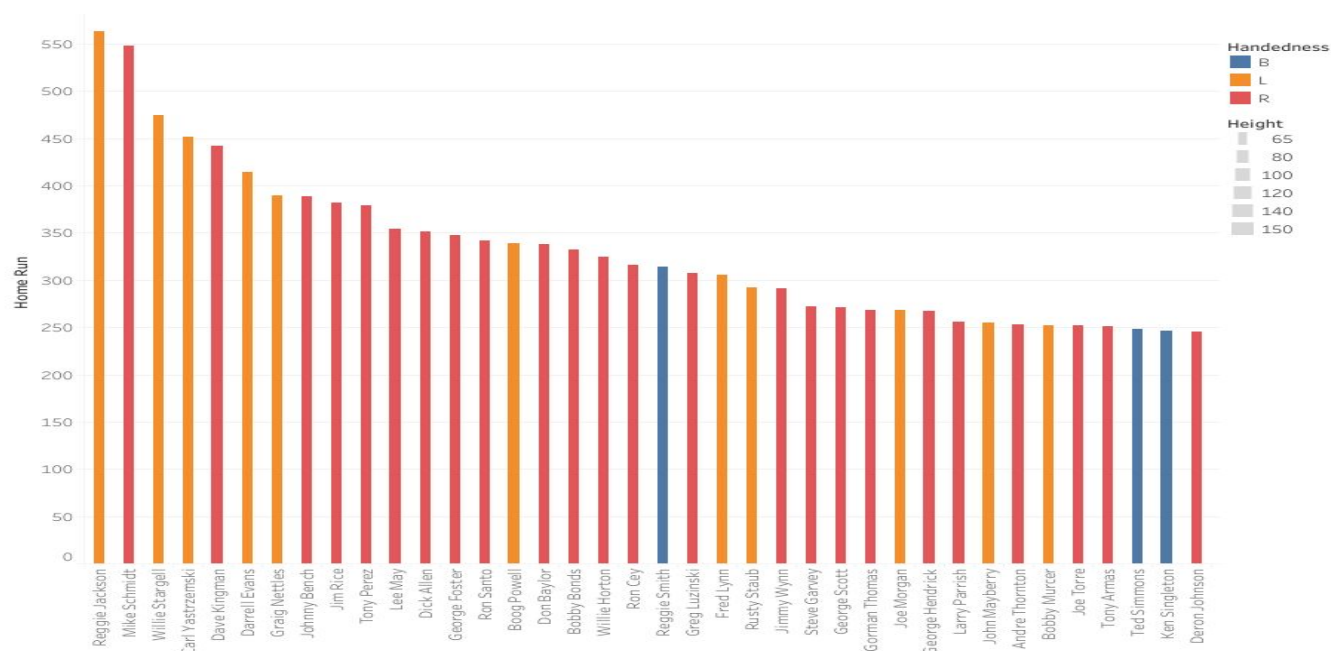
3- 104 player are both

2- Home Run (HR) Vs Batting Average (BA)

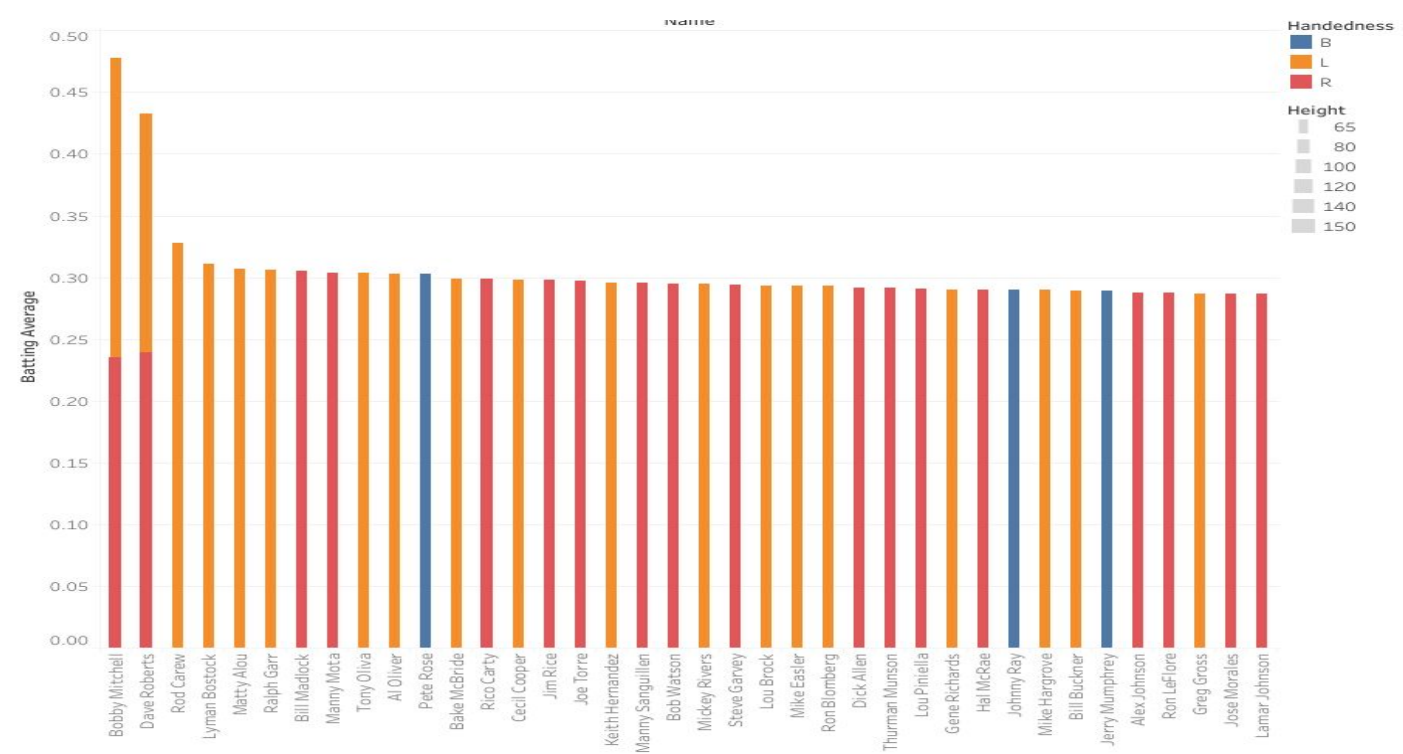


-The player : Reggie Jackson has the highest HR with 563 - The player : Rod Carew has the highest BA with 0.3280

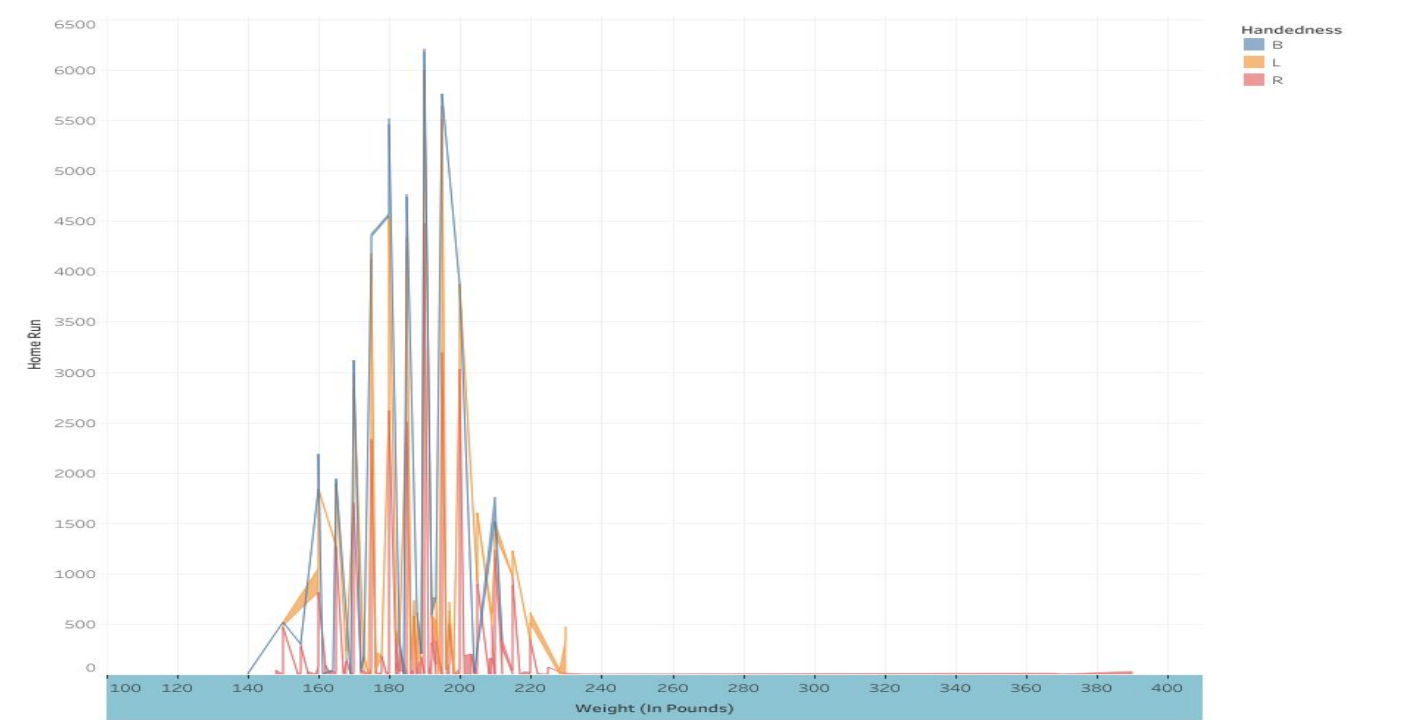
3- The Distribution Of Home Run For the All players



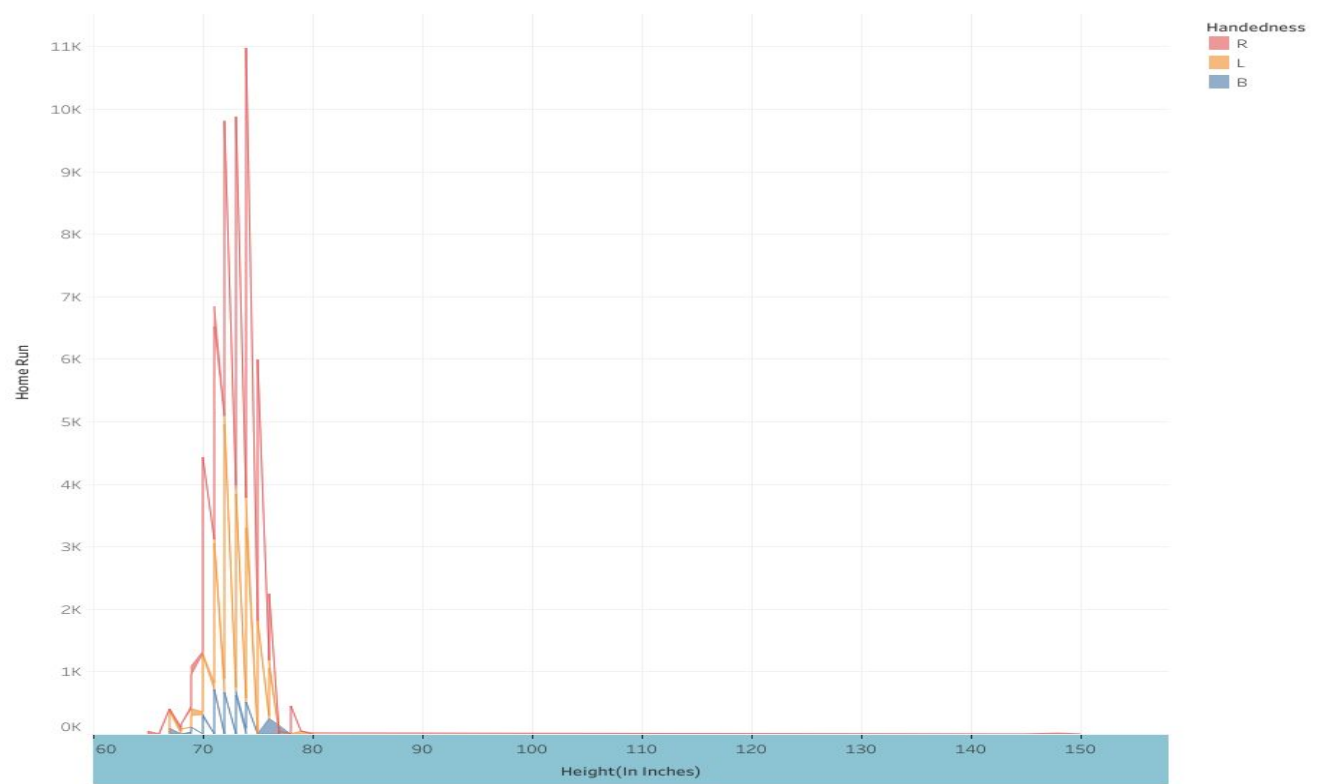
4- The Distribution Of Batting Average For the All players



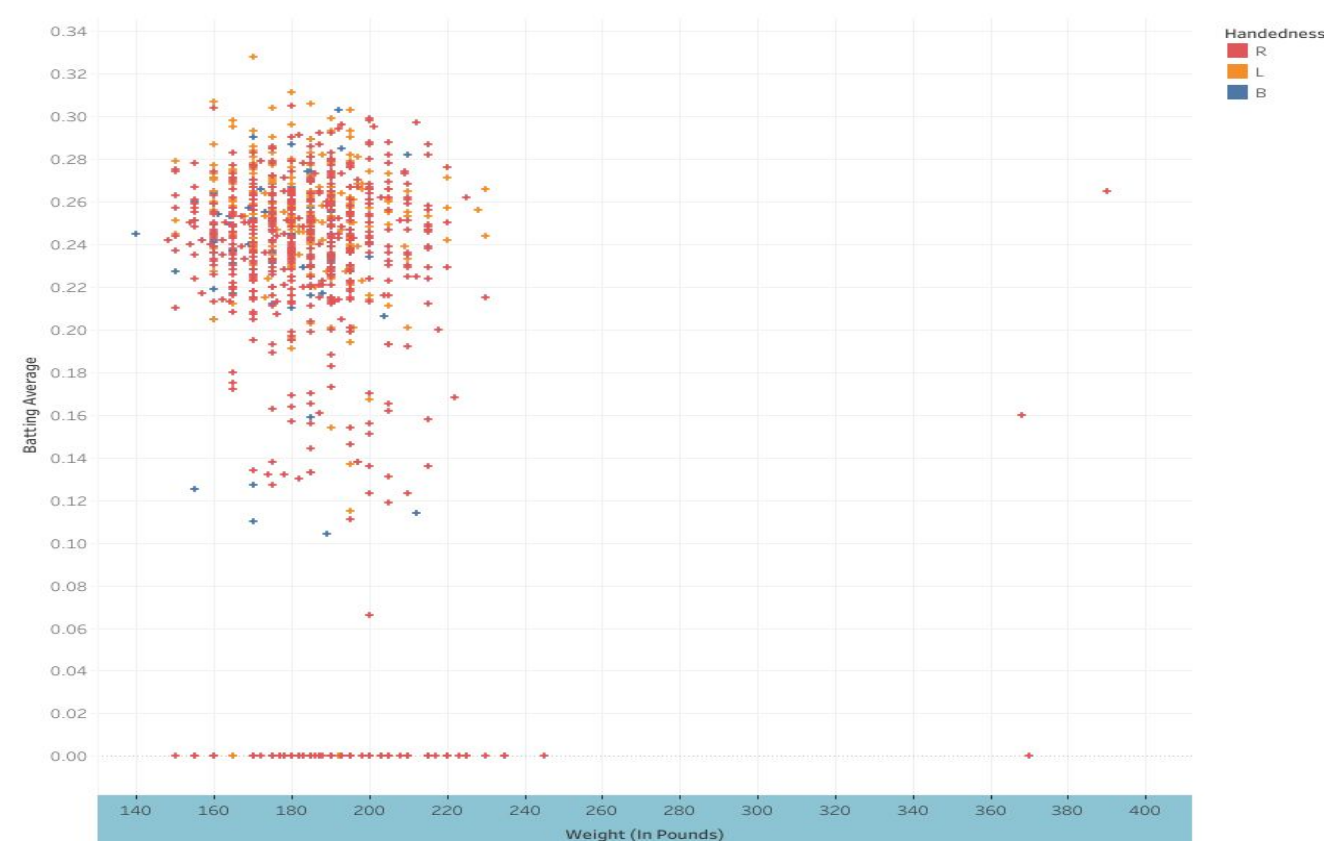
5- The Relationship between Home Run & Weight :



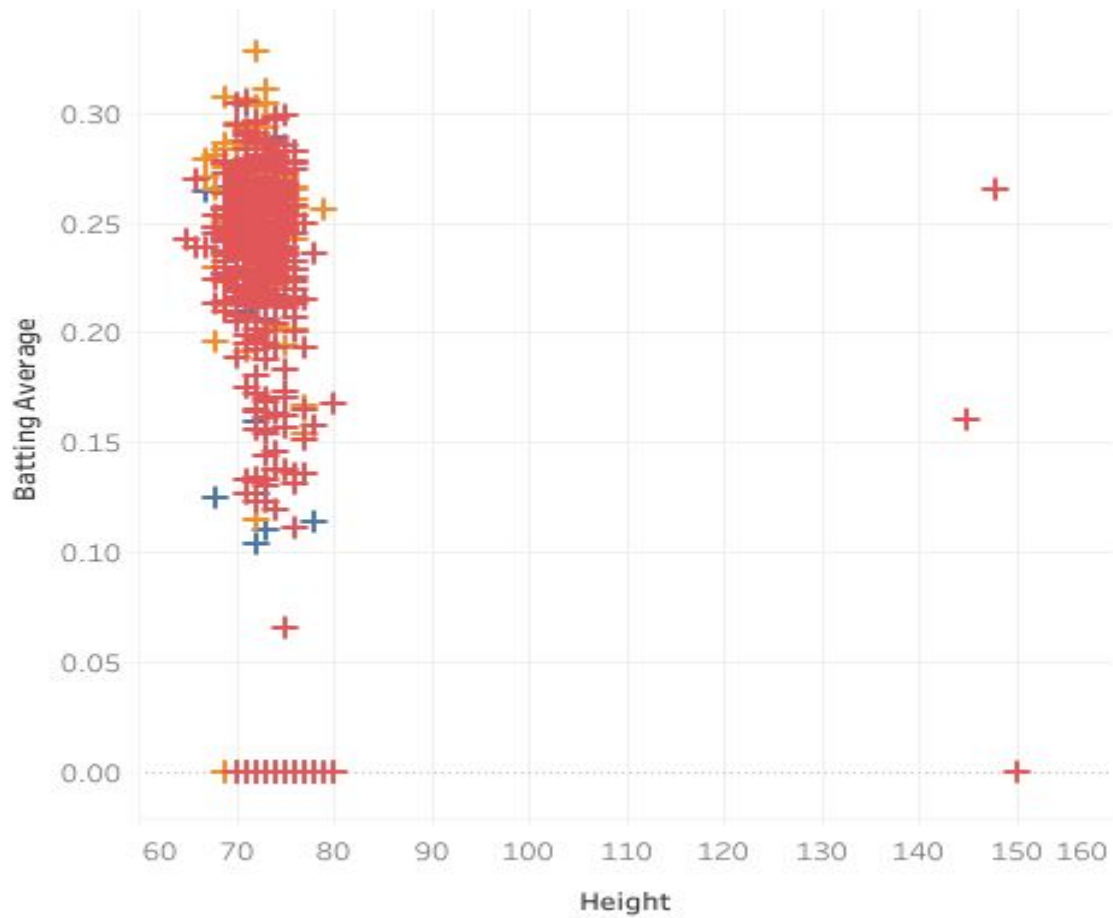
6- The Relationship between Home Run & Hight :



7 - The Relationship between Batting average & Weight :



8- The Relationship between Batting average & Hight :



9- The Dashboard :



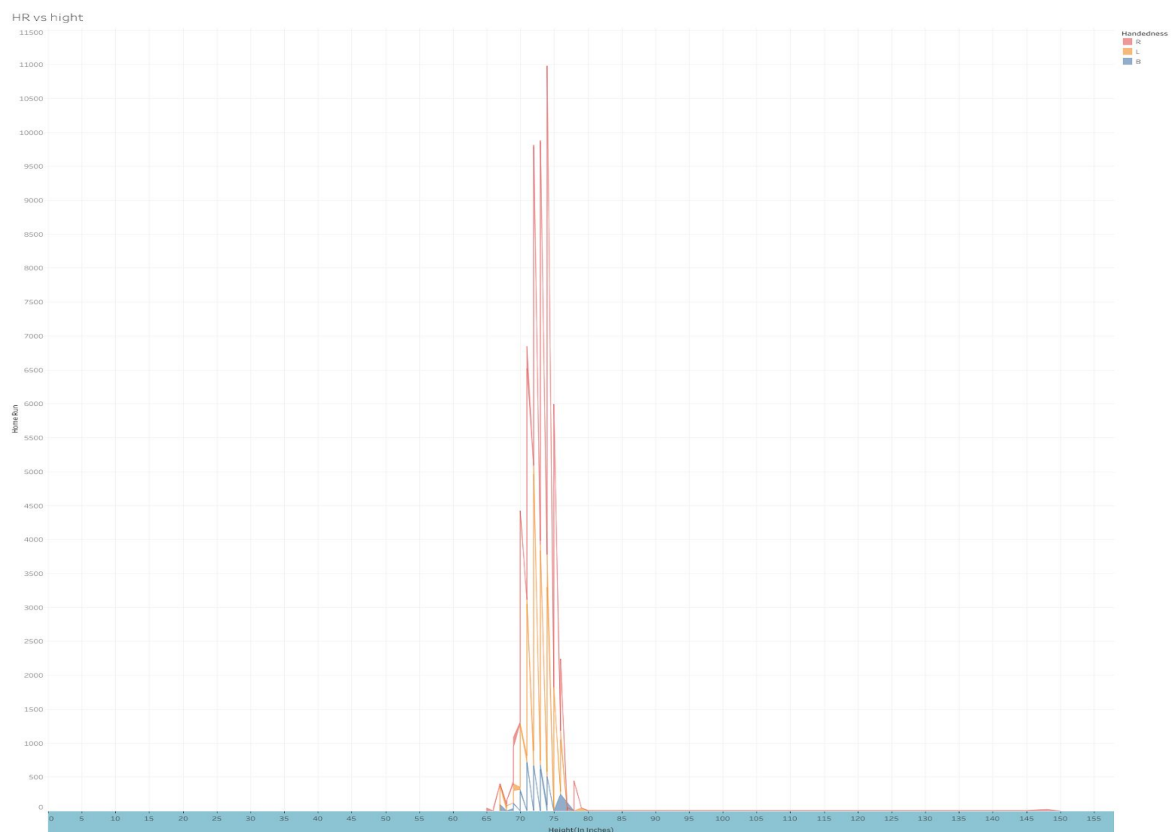
Design

- 1- For The Distribution Of Handedness , I choose bar chart to clear results
- 2- For Home Runs vs Batting Average , I choose scatter plot colored by handedness.
- 3- The Distribution Of Home Run & Batting Average , I choose bar plot
- 4- The Relationship between Home Run & Hight , Wight , I choose area plot
- 5- The Relationship between Batting Average & Hight , Wight , I choose scatter plot with different shape.

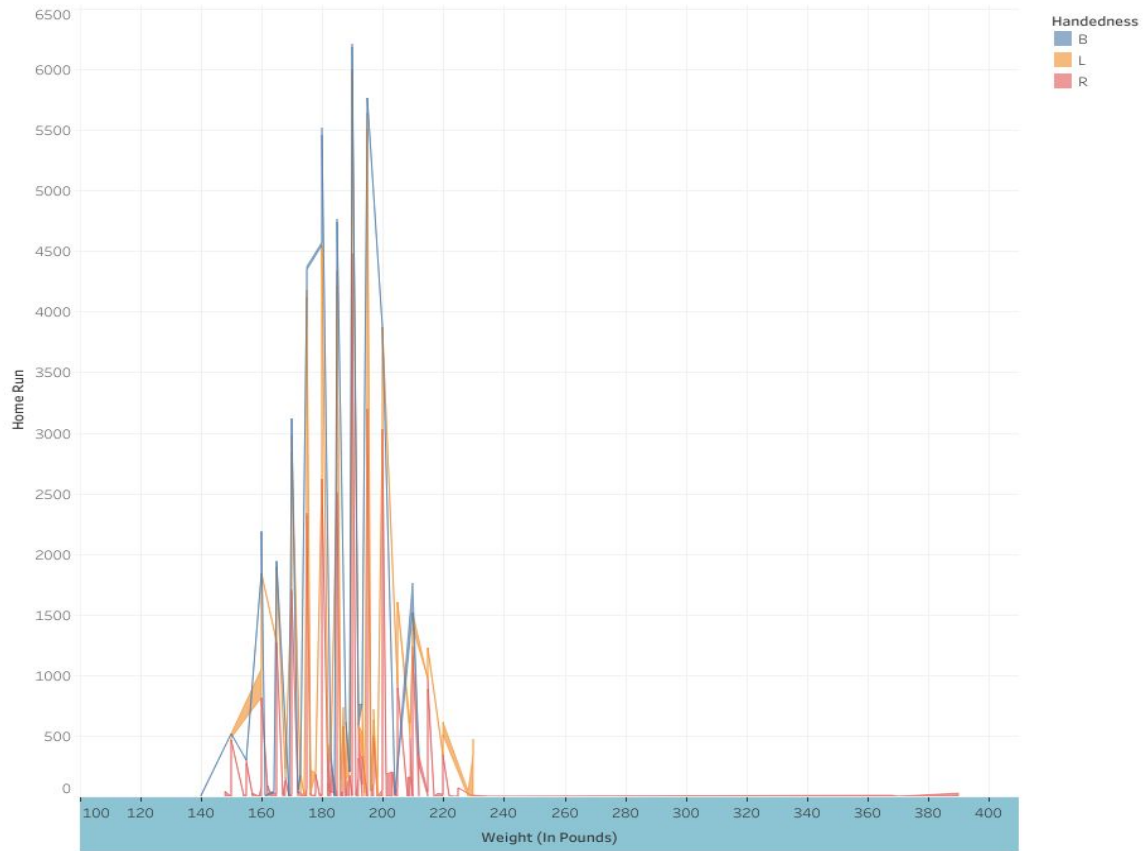
Feedback

- 1- The visualization need to be more clear , so i enhance the charts , such as :

This chart



Become this



2- The titles of chart to be more clear without Shortcuts , so I change the titles