

Overview

Chosen Dataset: **Baseball Data**

A 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.

Objective

Create a visualization that shows differences among the performance of the baseball players.

Published Tableau Workbook

https://public.tableau.com/views/Baseball_UdacityProject/BaseballCaseStudyStory

Summary

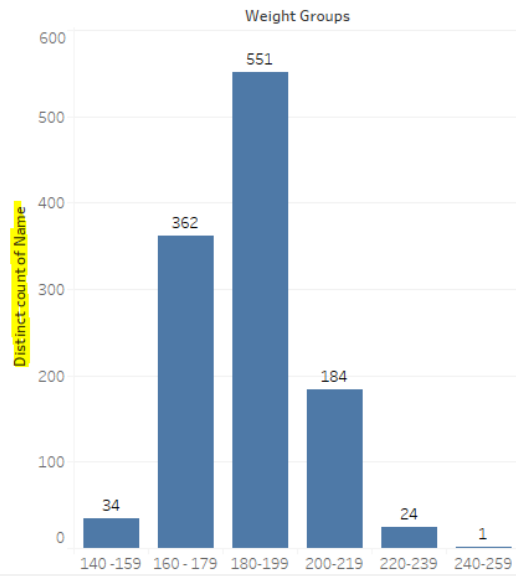
Tableau Story that includes 12 slides and our 1st slide contains an introduction to our data set 's of 1,157 baseball players. The next 4slides (2-5) about Batting avg and its negative relation to weight, height and its relation with handedness variables. The next 4slides (6-9) about Home Runs and its positive relation to weight and left handed players and not clear relation with height. The last three slides (10-12) contain a conclusion for the case study which states that Left handed, 70-74 inch tall and 180-199 Lb Weight are the best on average.

Design

- I have created two columns for weight and height to make changes and relation more visible by categorizing the data with taking into consideration the lie factor.
- I used tool tips in the 1st slide to show as much as possible of information of the sample used in the case study.
- High Data-ink ratio Charts and No chart junk.
- Used the blue color for color blindness
- Used the least possible no of encodings in my visualizations such as color and size for quantitative data.

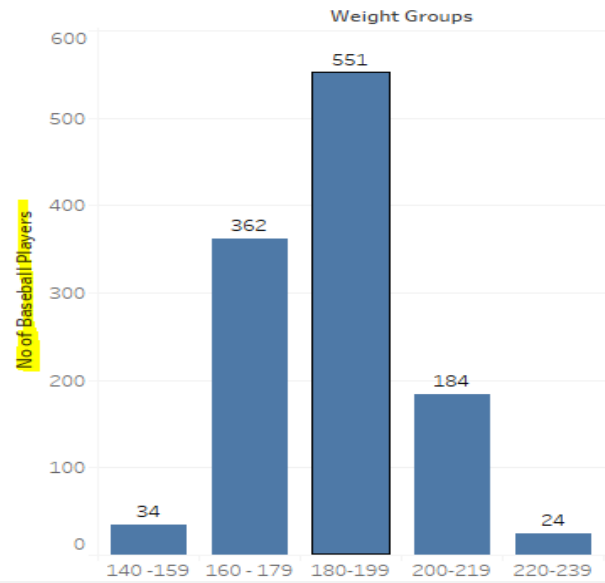
Before Feedback (subtitles, labels and charts alignment)

No of Players according to Weight Group Sample

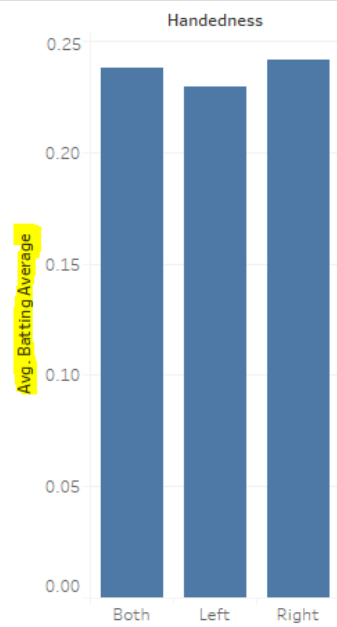


After Feedback

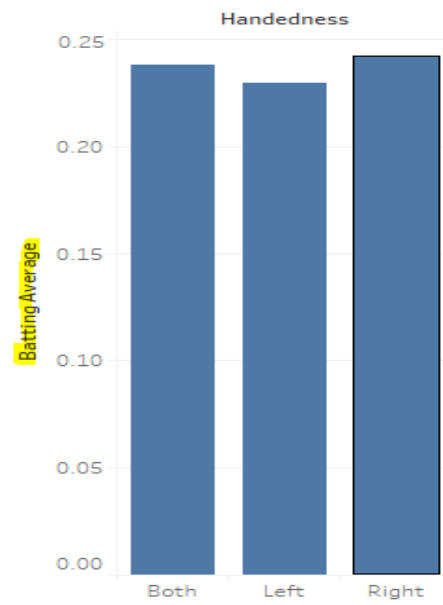
No of Players according to Weight Group



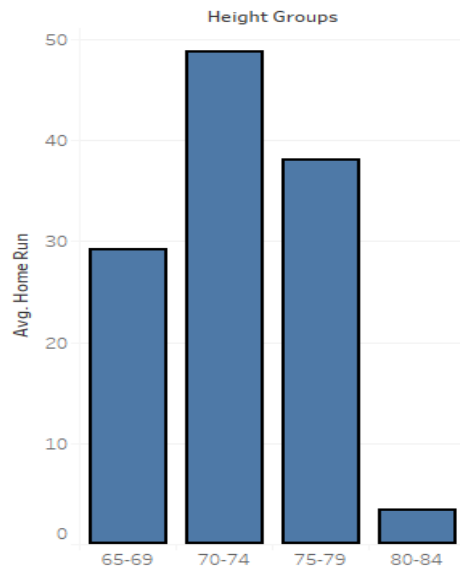
Handedness Vs. Batting Average



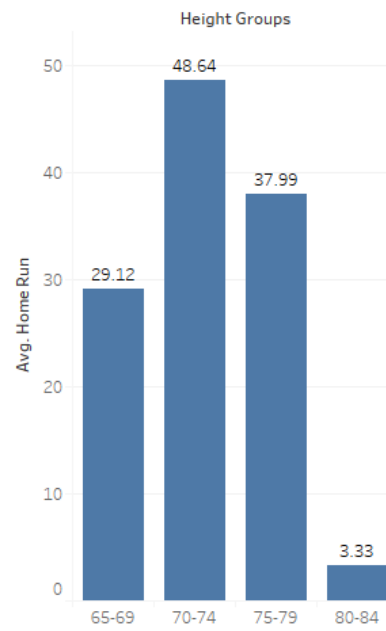
Handedness Vs. Batting Average



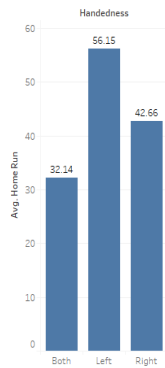
Height Groups Vs. Home Run avg



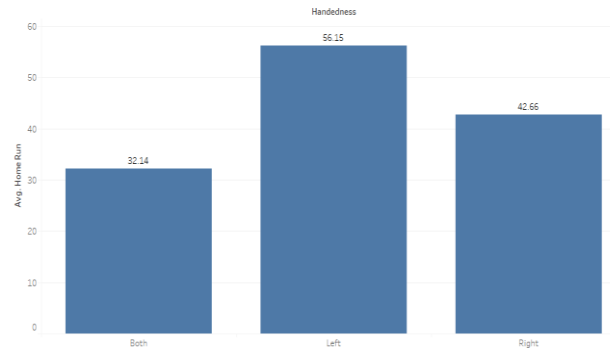
Height Groups Vs. Home Run avg



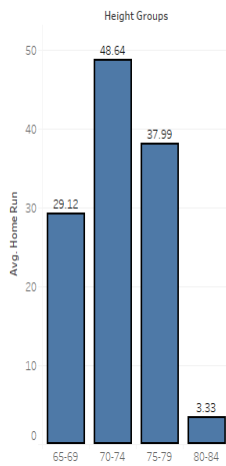
Handednes Groups Vs. Home Run avg



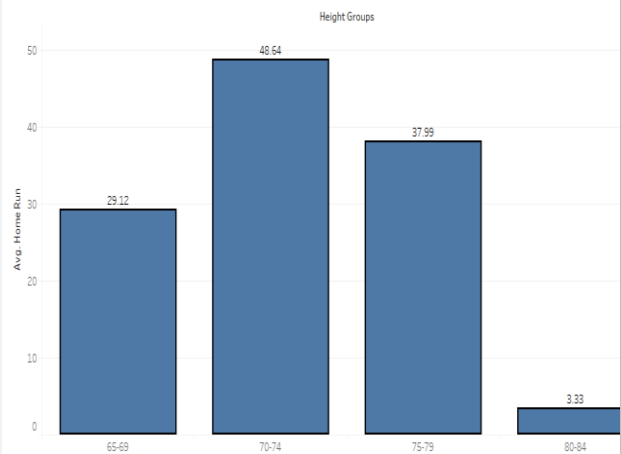
Handednes Groups Vs. Home Run avg




Height Groups Vs. Home Run avg



Height Groups Vs. Home Run avg




Feedback



Mahmoud O. 2:51 PM


OCTOBER 4, 2019

https://public.tableau.com/views/Baseball_UdacityProject/BaseballCaseStudyStory



Mahmoud O. 3:55 AM

Waiting for your feedback ASAP



Amelia P. 8:58 PM


Hi @Mahmoud

sorry for the delay

Your story is amazing

I advice just pay attention on the subtitles and labels to guarantee that they are clear

and easy to interpretation




Shmuel N. 7:01 PM

MENTOR

Hi Mahmoud, Thank you for reaching out

I did went over the report and it is look really nice and professional



Shmuel N. 7:04 PM

MENTOR

I am not a reviewer for this project so I am not completely familiar with the specification that you need to stand against . One point that you might be addressing, few of the charts, the figure occupy only half of the page. the left part. I would encourage you to consider aranging the figures differently so the way you are using the space will be more efficient

at first I thoght that the figure did not uploaded correctly.

I hope it helps

in any case when you will submit the project you will get a comprehensive review

Resources

<https://help.tableau.com/current/pro/desktop/en-us/stories.htm>

https://help.tableau.com/current/pro/desktop/en-us/story_example.htm