

Data Story Tableau Baseball Dataset

First Tableau Visualization (old)

<https://public.tableau.com/profile/amonah#!/vizhome/Baseballperformance/PlayersHomeRuns>

Second Tableau Visualization (new)

<https://public.tableau.com/profile/amonah#!/vizhome/Baseballperformance/HeightandWeightVSHomeRuns>

Summary

A Baseball dataset has been analyzed to show the performance of the baseball players based on their handedness (right or left handed), height (in inches), weight (in pounds), batting average, and home runs. A number of visualization has been created the first visualization is the batting average for each player and showing the most batting average that is bobby Mitchel , second visualization is showing the player name and handedness based on the home runs that is Reggie Jackson and he is left handed, third visualization is the batting average vs weight of player and the weight of the most batting average which is 201 pound, fourth visualization is weight and height based on the home run and the most home runs weights and heights which Is 339 home runs with weight and height 230 pound and 76 inch and last visualization is the home runs based on batting average and handedness and the most is in left and right handed players. All this visualization will be conducted on a number of 1157 players in the dataset.

Design

First visualization: the batting average for each player and showing the most batting average and it showed that bobby Mitchel is the most player with a batting average. a bar chart has been chosen to show visualization clearly and to define the most player with batting average.

Second visualization: the player name and handedness based on the home runs to shows which player has the most home runs and which type of handedness and a bar chart was chosen to visualize clearly. It shows that Reggie Jackson is the most player with home run and he is left handed.

Third visualization : the batting average and weight of player and a line chart was used to shows the observations more clearly. The visualization shows the weight of the most batting average which is 201 pound.

Fourth visualization : weight and height based on the home run and a circle chart was chosen. the visualization shows the most home runs weights and heights which Is 339 home runs his weight and height are 230 pound and 76 inch.

Fifth visualization : the home runs based on batting average and handedness and a scatter plot was chosen to view clearly. In the visualization it shows the home runs and batting average is most in left and right handed players.

Feedback

- 1) Titles and subtitles in the visualizations was named unclearly and so its must be changed.
- 2) Visualization plots it is better to be more than one type of visualization
- 3) Avoid using abbreviations such as L, R, and B and use full words instead so, it has been edited to Left, Right and Both
- 4) In some of your charts, you only provided the y-axis label, the x-axis is missing its labels so, this problem because two of three plots has an x axis that is a name not a continues and that's why the x label is above the plot and for the third plot the x label was changed to continues to solve the problem.
- 5) Try to explore and use more interactions to enhance the understanding of your project so, an interaction was added in all plots as a hover
- 6) Good Summary, but all you have to do now is mentioning your findings and it was edited
- 7) You have only provided one link of your project, while you should include an evidence of change, by providing two links, the previous (Old) and Final (New) version links of your project and this feedback was solved

Resources

<https://public.tableau.com/en-us/s/>

Udacity Nanodegree Data Analyst course