

Udacity_Tableau_Project

In this project I will do explanatory data analysis on the Baseball dataset with the help of Tableau. It's an easy way to create compelling and professional data visualizations.

Summary

- In this project, I choose 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
- In this project, my main focus is to see how handedness has an effect on batting average, home runs and other attributes.
- In my findings, players who are right handed perform better than the other.
- Players with height 65.28 and weight 136.8 have highest Batting average
- Players with height 65.28 and weight 228 have highest Home Runs

Design

- For visualization of Players count I used Bar Charts for displaying the no of players in each Category (Right, Left, Both). I choose a Pie chart which is good for visualization of percentages.
- I used scatter plot to show the performance of players with different handedness and differentiated players into categories like good, consistent, In-consistent and worst by applying a calculated field named 'Category' to colors in markers.
- I used scatter plot and created 4 quadrants based on average home runs scored and Batting average to categorize players in 4 levels.
- In order to visualize performance of players with height and weight I used dual axis plot with bar and line charts. Dual axis plots are good for comparing multiple variables at a time.

Feedback

1) I would recommend adding a large title to your histograms of weight and height - they follow similar trends and use the same color scheme - it actually took me a little time to realize that they were different! I know you wrote in the caption and the x-axis weight/height but honestly the font is quite small.

Action: I changed the color scheme and font size for both "Performance By weight ratio" and "Performance by height ratio"

2) Having to scroll every time is not good.

Action: Changed the story size to Automatic

3) You should add some formatting to filters also

Action: Changed the font size of filters and also added different color schemes to filters for better visual.

Links:

Review 1

<https://review.udacity.com/#!/reviews/1707044>

Review 2

<https://review.udacity.com/#!/reviews/1710018>

Resource

[1] Handedness

<https://en.wikipedia.org/wiki/Handedness>

[2] Tableau Data Visualizations

<https://www.tableau.com/learn/articles/data-visualization>