Udacity Data Visualization with Tableau

Tableau Project Link

The following link is for Ver.1 and Ver.2 of the project.
https://public.tableau.com/profile/carey.hack#!/

Summary

This is data representing baseball player's height, weight, average, and home runs. Any entry with “0” in average or home runs has been removed to reduce noise. We will investigate whether average and home runs are affected by weight and/or height.

Design

I initially use scatter plots to show any relation. For my final slide, I focus on home runs as height and weight have a positive relationship to home runs and not so much for average. I use bar charts, horizontal/vertical, and color-coded by handedness, to illustrate the differences of home runs for hand, height, and weight. I also deploy a dual chart showing how average relates to home runs based on hand with the option to manipulate height and weight variables.

Feedback

1 Answer

1

Accepted Answer

Well done posting for feedback which shows how much you are interested in enhancing your plots and learning.
For the answer, I will comment on the visualizations which will help you to enhance the plots and to provide 2 versions of the story as required by this project requirements:

- First thing that catches the eye are the abbreviations, what does "R" and "L" stands for, please make sure to use full clear words
- In the title in Slide 2, it says 'Average vs....' Average of what? is it Batting Average?
- Try dropping the trend lines if possible
- Try replacing plots in slides 1 and 2 with line plots because I believe there are a better choice of plot type
- If you want a scatter plot, try 2 continuous variables (Home Run vs Batting Average)
- Last suggestion has to do with last slide, can you please make sure they have clear title for each plot

Wafic F Mentor 6 minutes ago

This was speedy, awesome, and very appreciated feedback. I felt silly overlooking little things like abbreviating B, L, and R. They make perfect sense to me but would not to someone who has never seen this data or cares about baseball. I followed all feedback except replacing slides 1 and 2. I feel like the relationship the scatter plots show and the tight groups of the plots

give a ton of info on the Mean area that most of the players live in for the respective metric while still plotting each player individually. Instead, I included the line plots as they show great Mean info on a scale similar to a timeline. I also added the scatter plot comparing Home Runs and Batting Average as this shows great relationships as well while also allowing for a deeper dive with the various filters applied.

Resources

No resources outside of the Udacity course were consulted for this project.