

Baseball Data

Summary

The purpose of this visualization – to compare baseball players performance with their fitness (height/weight) and handedness data. Presentation starts with height, weight and handedness distribution (1st page), overall performance status between players (2nd page). Then audience is introduced with performance and fitness (3rd page), performance and handedness (4th page) comparisons and top 10 best players with handedness, fitness values (5th, 6th pages). Last page is left for the questions session – ability to explore player data easily should help to answer possible questions.

Design

This presentation takes these design principles:

- Focus on minimalism. Use as less elements (line grid, background color etc.) as possible. In such way it was tried to show the main chart message without unnecessary distractions.
- 3D elements were avoided due to possible visual misrepresentation and avoidance of visual noise.
- For quantitative data distribution we used histograms and box-and-whisker plots. On charts where multiple histograms are compared (performance distribution and handedness) lines with separate colors was chosen for better visual separation.
- Bar chart was chosen for visualizing categorical data.
- For bivariate quantitative data comparison, scatter plots was chosen.
- Graph colors were used only in cases where graphs need to be categorized.
- General player filter was replaced with highlight filter due to easier player browsing and visual ability to compare selected player with rest of players in the chart.
- Last page is designed for question session after presentation. This interactive page allows easy player stats browsing. The ability to browse data interactively should help to answer possible questions.

Feedback

“Good job avoiding the use of abbreviations. I also suggest you include your findings briefly in the Captions area.”

Mentor Mashaël A.

2019-04-02 Student Hub, Create a Tableau Story

Presentation before comments:

- Udacity 4 v1.0.twbx (https://public.tableau.com/profile/ernestas.zemaitis#!/vizhome/Udacity4_15538480466100/Baseballdata)

Presentation after comments with fixes:

- Udacity 4 v2.0.twbx (https://public.tableau.com/profile/ernestas.zemaitis#!/vizhome/Udacity4v2_0/Baseballdata)