Data Story telling – Baseball player

Introduction

This is as a report of explanatory data visualization, it is to communicates the finding and patterns from baseball player, in the data file, it contains 1, 157 baseball plays, and their handedness, height(inches), weight(pounds), batting average, and number of home runs.

1st story

https://public.tableau.com/profile/borajeong#!/vizhome/1stbaseballplayer/1stbaseballplayer?publish=yes

2nd story

https://public.tableau.com/profile/borajeong#!/vizhome/DataStorytellingBaseballplayer/DataStorytellingBaseballplayer

Summary

To understand baseball player data, we are going to visualize regarding columns in data.

And also, we will see relationship, such as height/weight and batting average and home runs.

Design

Handedness / Batting Average

We might observe different batting average as per handedness, bar chart is chosen to show batting average as per handedness. And bar chart is also good to show difference, because, there are only three column, right-handed, left-handed and both-handed.

Batting Average and Home runs

To observe relationship with batting average and homeruns, bar chart is chosen to show which batting average show higher homerun, it is good to compare the difference as per batting average.

Weight / Batting average and Height / Batting average

We can expect that taller/more weight player have higher batting average, to observe it, line char is created as per weight/batting average, and height / batting average, to compare the difference of batting average, as per height/weight.

Feedback

- Color of each plot is same, so it is not well recognized
    - Adding color as per different handedness
- Mostly, people want to know what is relative with performance
    - Visualization is updated to show the relationship between batting average and homerun
- Also, batting average might be relative with baseball player's height/weight
    - Adding visualization regarding height/weight and batting average

Feedback from udacity reviewer

- Don't use abbreviation such as R, L and B
    - R, L, and B is replaced as right-handed, left-handed, and both-handed
- Unit should be add into height/weight
    - Inches is added to height column
    - Pounds is added to weight column