

Tableau Story - Baseball Data

Introduction

I selected the baseball dataset for explanatory data visualization to look for relationships or patterns by using Tableau.

Here got two version of Tableau Story which before feedback and after feedback.

Initial Version:

<https://public.tableau.com/profile/weng.seng#!/vizhome/basellballEDA/Story1?publish=yes>

Final Version:

<https://public.tableau.com/profile/weng.seng#!/vizhome/basellballEDAFinal/PerformanceBaseballPlayers?publish=yes>

Summary

First I created few sheets in Tableau to shows some properties and relationship based on baseball players data like handedness, height, weight, batting average and home run.

Design

Initial Version

I starting with bar plot for Handedness for my first data visualization. I found out that most of the players are right handed.

Second I plot players weight and height by using scatter plot. It shows most of the players weight are between 150 to 230 pounds; height are between 66 to 80 inches.

Next is scatter plot for Home Run vs Batting Average. There is high density player in batting average range from 17 to 28 and 0 to 100 for home run.

After that all the plots are line chart for Batting Average vs Height, Batting Average vs Weight, Home Run vs Height, Home Run vs Weight.

The reason I used line chart here because the variable weight and height are continuous. Line plots are excellent with continuous variables and a reader can easily see a relationship between both variables.

For line chart Batting Average vs Height, the highest average batting players are height 67 inches.

For line chart Batting Average vs Weight, the highest average batting players weight are 201 pounds.

For line chart Home Run vs Height, the highest average home run players are height 67 inches.

For line chart Home Run vs Weight, the highest average home run players are weight 209 pounds.

Feedback

Final Version

1. Dashboard view are crowded in initial version. I split into two dashboards for better view.
2. The story name should be informative. I rename it from 'Story 1' to 'Performance Baseball Players'.

Resources

N/A