

Performance-of-baseball-players

It's a story of baseball players performance including the visualizations required to describe the data

my initial version:

https://public.tableau.com/profile/mohamed3906#!/vizhome/story_v1_32/Story1?publish=yes

my final version:

<https://public.tableau.com/profile/mohamed3906#!/vizhome/performanceofbaseballplayersstoryupdate2/Baseballperformancestory>

summary :

I ranked the top ten players according to home runs then batting average

A direct relationship appears between average home run and batting rate

Right handed players have the highest batting average then Left handed

Finally I make a dashboard in which you can click on the player name to show his HR level ,his avg (batting average) ,his measure names(Weight and Height) and his handedness either left , right or both.

design :

I used many types of charts,

For home runs and names I used vertical bars, because for categorical data and to see ranking bar plots are the best to rank players and immediately pinpoint the difference

For home runs versus batting average I used scatter plot , to include all players as spots so I can easily find the pattern of relationship

For handedness I used vertical bars , because for categorical data and to see ranking bar plots are the best to rank players and immediately pinpoint the difference

For body weight and height versus names I used side by side bars to show both categories side by side.

feedback :

first I received a normal impression about my initial version ,

but they ask about HR, AVG what they mean ,I changed these shortcuts to clear names

then asked about the relationships included ,

I explained items to them

then I received a good feedback from friends about my final result ,it was amazing to them , now it's clear to them

Resources :

N/A

Data file :

https://s3.amazonaws.com/udacity-hosted-downloads/ud507/baseball_data.csv