Baseball Dataset WriteUp!

SUMMARY:-

In this dataset we visualize the baseball players on the basis of their Batting Average and the Home Runs Scored by them.

And additionally we checked their fitness on the basis of their BMI.

Feedback:-

1. What do you notice in the visualizations?

In this visualisation, I see the batting average, Home runs scored by the players and their BMI.

2. What questions do you have about the data?

Who is the best player from all players in the data base on the basis of Batting Average.

3. What relationships do you notice?
Relationship between handedness of player and name of player with
home runs scored, batting average and BMI of Players.
4. What do you think is main take away from this visualization?
To see the player ranking according to their batting average, Home runs scored by them in total, and to see who are fit, Underweight or overweight according to their BMI.

5. Are the visualizations easy to understand or are they too busy?

Overall the visualizations are easy to understand, plots explain them very well.

6. What would make my dashboard more leaner?

Maybe if individually title of graphs are removed in dashboard then it

may look leaner.

7. Is there anything which can make the visualizations better?

Over here only the handedness can't tell who is the best player on the basis of their batting average and home runs, Maybe The player name can tell who is the best player among all of them, And also coloured graph can be used to determine it.

DESIGN

All the plots I made are bar graphs, In bar graphs they all are 2D bar graphs, and I have added the colour to it when ever it is needed and I haven't added the background colour so it doesn't look noisy and loud so that the ink data ratio is kept high, to see the best demonstration of data and analysis I made.

So to make the visualisation and graphs more attractive by adding the filters and tooltips. As tooltips are used when we hover over a bar it display info about that bar, So during my visualisation I have added in the graph where it shows the

name and BMI of player and also it show the height and weight of the players along with it.

I chose the bar graph over the scatter plot as bar length is easy to study and visualize by others then the mess of a points in the graph.

Now based on above feedback from my friends ,I decided to remove the handedness from the average batting and home run so that we can see who is the best player ,also I will highlight the bar of the top ranked player(Best Player) with different colour.

RESOURCES:

Link Before feedback:

https://public.tableau.com/profile/nikhil.garg2048#!/vizhome/BaseballBeforeFeedback/Story1?publish=yes

Link After feedback:

https://public.tableau.com/profile/nikhil.garg2048#!/vizhome/BaseballAfterFeedback/Story2?publish=yes