Create a Tableau Story

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Summary

In this project, I analyze baseball players dataset. I use various visualization techniques to find more insights. The analysis will show if there is a relationship between players performance and their physical factors.

Initial version

Link: https://public.tableau.com/profile/nada7251#!/vizhome/P5-DAND-InitialProject/Story

In this version I used the following visualization techniques:

- Number of records VS handedness is visualize by bar chart colored by handedness to easily see how many records for each hand. Right handedness is the top.

- Number of records VS weight is visualize by bar chart, to easily see how many records for each weight. 180 has the highest records.

- Number of records VS height is visualize by bar chart to easily see how many records for each height. 72 has the highest height.

- Number of records VS batting average is visualize by line chart to easily see how does the number of records increase or decrease based on the batting averages. After excluding the average of zero batting, we can say that the most records is between 0.2 and 0.3 batting average.

- Number of records VS home runs (HR) is visualize by bar chart, to easily see how many records for each HR. Most records has zero HR.

- AVG VS handedness is visualize by bar chart colored by handedness. Both and left handedness has almost the same highest average, while right handedness has the lowest average.

- Height and weight VS AVG is visualized by scatter plots colored by handedness. This visualization shows no clear relationship.

- Height and weight VS HR is visualized by scatter plots colored by handedness. This visualization shows no clear relationship.

- AVG VS HR is visualized by scatter plots. This visualization shows that there is a positive relationship between AVG and HR.

A dashboard and a story are used to make this analysis more clear.

Feed back

1- The story and its charts has no clear title.

2- Scatterplots relationship are not clear.

3- Height and weights has no clear units.

4- "It is better to see the visualizations without scrolling."

Final version

Link: https://public.tableau.com/profile/nada7251#!/vizhome/Excercise-/Story1

Based on the feed back, the following actions are taken:

1- Change their titles to be more clear and related to the charts meaning.

2- Trend line is added after removing the outliers.
Note: Still, there is no clear relationship for chart (height and weight VS AVG) and chart (height and weight VS HR).

3- Action: Their units are added with their titles.

4- Story height is decreased.

Resources

None.