Baseball Players Performance

First version of the story is as follows:

<https://public.tableau.com/views/BaseballplayerPerformance/BaseballPlayerPerformance?:embed=y&:display_count=yes>

Second Version is as follows

<https://public.tableau.com/views/Baseballplayersandtheirperformance/Story1?:embed=y&:display_count=yes>

Third Version of the Project:

<https://public.tableau.com/views/Baseballplayersandtheirperformanceproject/Story1?:embed=y&:display_count=yes&publish=yes>

* **Summary**: brief description of the visualization and the main story or findings conveyed

In This data Performance of the baseball Players is evaluated.

First, I calculated the BMI by converting the height from inches to meters and Weight from pounds to Kilograms.

Then I applied BMI formula that is weight in kgs divided by Height in meters square. Their Height and weight are considered if they have any effect on the general performance.

We then evaluated the effect of Height, Weight and BMI on the performance of the Players.

Then Home runs and batting average was used to evaluate the performance. Then we dig deep into top performers of Base Ball. We can get insight about their performance and their fitness.

* **Design**: explain any design choices you made including changes to the visualization after collecting feedback

Bar chart is used to evaluate the number of the Players regarding their handedness, as it is a categorical Data. With three categories.

I used scatter plot with a trend line to see the relation between height and Weight.

Scatter plot was again used to see the relation between the Home runs and Batting average of the Baseball players

Scatter plot was used and grouped them with respect to higher Batting average and then a greater Number of runs.

More interactive Plots were added. So that detailed view is displayed when mouse hover over the data.

Line Chart and trend lines are created to see the relation of the height and weight and BMI on the performance of the Player.

* **Feedback**: feedback received from others from the first sketch to the final visualization

Suggestion: Drop the Tree plots and Bubble plots

(changes made :Did not use the Tree plots and Bubble plots in the updated version)

Suggestion: Keep the Bar chart for the Categorical data.

Changes made; I kept the bar chart in my story

Suggestion: improve interactivity

(changes I made: dashboard was inserted and tool tip was used exclusively, where needed)

Suggestion: too colorful to infer any result

(changes made: made it with default colors and used less colors)

Suggestion: Add different types of chart to enhance visualization.

Changes made: Line Chart and trend line is added to see the Height and weight effect on the performance of the player

* **Resources**: list of Web sites, books, forums, blog posts, GitHub repositories etc. that you referred to or used in this submission (Add N/A if you did not use such resources).

. Udacity material was gone through again.

. Tableau official videos were seen.

. Help was also taken from YouTube videos.

. Recommendations given as feedback were considered and applied