

# A Report on Data Visualizations with Tableau

Submitted By:  
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## **Link to Tableau Stories:**

## **Link to First Version:**

[https://public.tableau.com/profile/navpreet.singh#!/vizhome/BaseballStory\\_2/Story1?publish=yes](https://public.tableau.com/profile/navpreet.singh#!/vizhome/BaseballStory_2/Story1?publish=yes)

## **Link to Final Version:**

[https://public.tableau.com/profile/navpreet.singh#!/vizhome/Sheet1\\_136/Story1?publish=yes](https://public.tableau.com/profile/navpreet.singh#!/vizhome/Sheet1_136/Story1?publish=yes)

## **Summary:**

This tableau story focuses on different aspects of baseball players and explore their fitness and performance. Fitness is measured by each player BMI (Body Mass Index). Performance is measured by Home Runs made by each players and their average.

## **Design Choices:**

Following design choices have been made while developing this story:

1. Different colour combinations have been used to show players with different handedness. (Right, Left or Both)
2. Histograms have been used to distribute the number of players according to their height, weight and BMI.
3. Bar charts are used to display the top 10 most successful players.
4. Tree maps are used to show clearly distinguished top 10 players by Home Runs and by Average.
5. Comparison between BMI and Home Runs/Average is depicted by bar charts.
6. Box plots are used for the distribution of home runs per player separated by handedness

## **Feedback:**

Below are the feedback received:

1. I'd change the orientation of the distribution of the players height. Being that long, doesn't provide any extra information. Also the title is not fully shown.
2. Having all the players ordered by the # of home runs looks feels excessive. Maybe show a box plot for the distribution of home-runs per player and only show the top 10 or 20?

**Resources:**

1. <https://stackoverflow.com>
2. <https://www.tableau.com/support/help>