

## Udacity DAND Project Write-Up

### Background

I chose to create a visualization of Baseball Test data. The data consist of the 1157 player's detail. Their height (in inches), weight (in pounds), average, highest run and whether they left hander, right hander or both.

### Links to versions:

Version1:

[https://public.tableau.com/profile/amruta5126#!/vizhome/version1\\_5/Story1?publish=yes](https://public.tableau.com/profile/amruta5126#!/vizhome/version1_5/Story1?publish=yes)

With the help of given data I have done the visualization of players name with measures (avg., highest run, height, Weight ).

Version2:

[https://public.tableau.com/profile/amruta5126#!/vizhome/version2\\_7/Story1?publish=yes](https://public.tableau.com/profile/amruta5126#!/vizhome/version2_7/Story1?publish=yes)

In this version I have added few more graphs in where I have done the visualization of handedness with the measures (avg., highest run, height, weight)

### Design

I chose to tell a data story using the Tableau Story tool. After doing exploratory data analysis on the dataset

#### Card 1:

Found the Highest Avg.

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can easily summarise large data sets in a single visual)

Result: What is observed in the graph is that Bobby Mitchell has highest avg. of 0.4780

#### Card 2:

Tallest Player in the data

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can easily summarise large data sets in a single visual)

Result: What is observed in the graph is that Dave Roberts and Jim Wright is the tallest player i.e. 150 inches

#### Card 3:

Heaviest Player in the data

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can easily summarise large data sets in a single visual)

Result: What is observed in the graph is that Dave Roberts is the heaviest of them all around 410 pounds

#### Card 4:

Player with the highest run

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can easily summarise large data sets in a single visual)

Result: What is observed in the graph is that Reggie Jackson has highest run of all i.e. 563

#### Card 5:

Avg. on the basis of handedness

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can

easily summarise large data sets in a single visual)

Result: What is observed in the graph is that Left hand batsmen have highest avg. compare to right handed or both

(0.328)

#### **Card 6:**

Highest run on the basis of handedness

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can

easily summarise large data sets in a single visual)

Result: What is observed in the graph is that Left hand batsman have highest run score compare to right handed or

both (563)

#### **Card 7:**

No. of records on the basis of handedness

Type of chart used: Bar Graph (as they are used to compare values and in understanding the distribution of data. They can

easily summarise large data sets in a single visual)

Result: What is observed in the graph is total numbers of record is highest by right handed than left handed or both

(737)

#### **Feedback**

a) What do you notice in the visualization? - performance (average score and home run) of baseball players against different parameters like handedness, height and weight

b) What questions do you have about the data? - None

c) What relationships do you notice? - relationship between performance and height/ weight and relationship with handedness and performance

d) Is there something you don't understand in the graphic? Nothing

#### **OTHER**

a)Updated the field names from B,L,R to both left and right

b)Upadted avg to average

c) Created two versions as only one version of the project was made earlier

earlier version:

[https://public.tableau.com/profile/amruta5126#!/vizhome/version2\\_7/Sheet3?publish=yes](https://public.tableau.com/profile/amruta5126#!/vizhome/version2_7/Sheet3?publish=yes)  
updated version

[https://public.tableau.com/profile/amruta5126#!/vizhome/version2\\_7/Story1?publish=yes](https://public.tableau.com/profile/amruta5126#!/vizhome/version2_7/Story1?publish=yes)

I uploaded only one sheet previously but in this version I updated the story.

#### **REFERENCES:**

<https://community.tableau.com/thread/106166> <https://public.tableau.com/en-us/s/resources>  
<https://community.tableau.com/thread/106166>