# Udacity DAND Project Write-Up

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## 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/raju.singh8842#!/vizhome/baseballdatav1/Story1
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/raju.singh8842#!/vizhome/baseballdata/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)
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## 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:

No. of Records by the player
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 most of the players have 2 records (Bobby Mitchell, Dave Roberts, Dave Stapleton, Jim Wright, Mel Stottlemyre and Mike Brown)

### Card 6:

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 7:

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 8:

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

In my initial v1 I have visualize data on the basis of each player.
Then in final v2 I have added the visualization on the basis of players handedness also.

## Resources

NA