**Identification of differences among the performance of the baseball players using Tableau**

The dataset used in this project contains information of 1,157 baseball players. The variables in the dataset describe as follows.

* Handedness: right handed (R) or left (L) handed
* Height: height in inches
* Weight: weight in pounds
* Avg: batting average,
* HR: home runs (HR)

Purpose of this exploratory data analysis (EDA) is to create a visualization that shows differences among the performance of the baseball players. To fulfil this purpose, the facilities and techniques available in Tableau suite is used.

<https://public.tableau.com/profile/lasa6459#!/vizhome/Basebal_palyers_performance_Tableau/Dashboard1>

Interactive buttons.

Figure 1: Weight vs average home runs per weight category

Average of Home Runs for each Weight. The data is filtered on Handedness, which keeps B, L and R. The view is filtered on average of Home Runs, which includes values greater than or equal to 0.0.

Figure 2: Height vs average home runs per each weight category

Average of Home Runs for each Height. The data is filtered on Handedness, which keeps B, L and R.

Figure 3: Players who scored highest home runs with weight and height category

Sum of Home Runs for each Weight broken down by Name and Height. Color shows details about Handedness. The data is filtered on average of Home Runs, which includes values greater than or equal to 350. The view is filtered on Handedness, which keeps B, L and R.

Fig 4: Average home runs vs height and weight

Height and Weight vs. Average home runs broken down by Handedness. Color shows details about Handedness. The view is filtered on Average home runs and Handedness. The Average home runs filter includes values greater than or equal to 0.0001. The Handedness filter keeps B, L and R.