**Getting and Cleaning Data - Course Project**

By this project, a tidy dataset need to be created from the existing data sets for the data collected from the accelerometers from the Samsung Galaxy S Smartphone.

R script **run\_analysis.R** is coded, which will perform the following activities

* Download the datasets from the given URL.
* Load both the existing datasets training and test.
* Will keep only the required columns which are used to calculate mean and standard deviation.
* Will give understandable names for the activities in the dataset.
* Merges required columns in dataset.
* Merges the two datasets to create a tidy dataset that consists of the average (mean) value of each variable for each activity and each subject combination.

Final tidy data set is named as **Tidydata.txt**

Codebook.md is created and available in project repo which is used to understand variables along with their units and other required information.