**README**

Getting and Cleaning Data Course (Coursera Course3)

This repository *Course3-Assignment* is my submission for Getting and Cleaning Data course project@Coursera Data Science Course.

Dataset:

<http://archive.ics.uci.edu/ml/datasets/Human+Activity+Recognition+Using+Smartphones>

Files Associated in the Repository-

• **CodeBook.md** a code book that describes the variables, the data, and data wrangling work I performed to clean up the data

• **run\_analysis.R** is the associated R script containing the code used for the assignment objectives. The objectives and their associated files are listed below:

1. Merge the training and the test sets to create one data set:

***“BothSets\_merged****”*.

1. Extract only the measurements on the mean and standard deviation for each measurement:

***“Dataset\_mean\_std”.***

1. Uses descriptive activity names to name the activities in the data set:
2. Appropriately labels the data set with descriptive variable names.

***“Dataset\_mean\_std”.***

1. From the data set in step 4, creates a second, independent tidy data set with the average of each variable for each activity and each subject.

***“Third Dataset”. And written as a new txt file “Data-revised.txt”.***