**ReadMe**

Sheetal

**Peer-graded Assignment:** **Getting and Cleaning Data Course Project**

This repository is a Nunno Nugroho submission for Getting and Cleaning Data course project. It has the instructions on how to run analysis on Human Activity recognition dataset

Dataset

**Human Activity Recognition Using Smartphones**

Files CodeBook.md a code book that describes the variables, the data, and any transformations or work that I performed to clean up the data

***run\_analysis.R*** performs the data preparation and then followed by the 5 steps required as described in the course project’s definition:

* Merges the training and the test sets to create one data set.
* Extracts only the measurements on the mean and standard deviation for each measurement.
* Uses descriptive activity names to name the activities in the data set
* Appropriately labels the data set with descriptive variable names. 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.
* FinalData.txt is the exported final data after going through all the sequences described above.