Peer-graded Assignment: Getting and Cleaning Data Course Project

This repository is a **Ahmed Hassan** 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](http://archive.ics.uci.edu/ml/datasets/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.