Course project – Getting and Cleaning Data

**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.