### README

#### Peer-graded Assignment: analysis.R Script

This repository is a **Jeffrey Strickland** submission for the 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)

#### Included Files

* CodeBook.rmd is a codebook created with R Markdown (RMD) using Knit. It describes the variables, data, and any transformations or work that I performed for clean up.
* run\_analysis.R performs the data preparation and 5-steps for generating a Tidy data file, 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.