# Getting and Cleaing Data

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## Introduction.

This repository contains the relvant files for the final peer reviewed assignment the coursera of on Getting and cleaning data. This course forms part of Coursera's Data Science Specialisaion. along with this Readme file this repository contains a Codebook, the code the does the analysis, and the output of the code.

**More on the Code**

My code 'run_Analsysis.R' does the following 5 things:

1. Merges the training and the test sets to create one data set.
2. Extracts only the measurements on the mean and standard deviation for each measurement.
3. Uses descriptive activity names to name the activities in the data set
4. Appropriately labels the data set with descriptive variable names.
5. 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. Once again the this dataset is contained within this repository.

## Thank you.