

This CodeBook.md' contains information on the variables, data set, transformations and work that was done to tidy up the Week 4 data project

File with R code "run_analysis.R" performs the following steps

Reading in the files and merging the training and the test sets to create one data set.

Assigning variable names and merging all data in one set. Reading variable names and making necessary subset from merged data set using descriptive activity names to name the activities in the data set. Uses descriptive activity names to name the activities in the data set and appropriately labelling the data set with descriptive variable names.

Reading the train

Reading the test

Reading the features

Reading labels

Binding test and train

Labelling

Creating the tidy data.