

README

Isabele

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How the script works..

The script is written in 5 main steps, but in a different order from the task (step):

1 - reading all files (includes also step 4)

The files are read with `read.table` and the columns names are given

2 - Change label to activity name in test__y and train__Y (step 3)

The activity labels in `test__y` and `train__y` are replaced by the activity names

3 - merging test and train sets (step 1)

Creating a dataframe “merged__ALL” which contains all the data.

4 - Extracts only the measurements on the mean and standard deviation for each measurement (step 2)

Making a dataframe with only the mean and standard deviation for each measurement

5 - a second, independent tidy data set with the average of each variable for each activity and each subject (step 5)

Creating the second data frame and saved the tidy data in txt file