**Getting and Cleaning Data**

**03/06/2020**

***Code book for Peer Assignment***

This is the code book for tidy data set

**Variables Description**

Data read from project data files. For description of each data files, refer to README in the project folder.

feature\_list - features.txt file

activity - activity\_labels.txt file

subject\_test - subject\_test.txt file

x\_test - X\_test.txt

y\_test - Y\_test.txt

subject\_train - subject\_train.txt

x\_train - train/X\_train.txt

y\_train -train/Y\_train.txt

**Processing variables**

y\_test\_label - match y\_test labels with corresponding activities

tidy\_test - binding test subject, test activity and test set

y\_train\_label - match y\_train labels with corresponding activities

tidy\_train - binding train subject, train activity and train set

tidy\_set - merged test set and train set

tidy\_mean\_std - data set with only measurements on the mean and standard deviation for each measurement

tidy\_avg - independent tidy data set with the average of each variable for each activity and each subject.