Code Book – Tidy Data

ID: Subject Identifier, ranges from 1 to 30.

activity: Activity performed by subject, ranges from 1 to 6.

                1 = WALKING

                2 = WALKING_UPSTAIRS

                3 = WALKING_DOWNSTAIRS

                4 = SITTING

                5 = STANDING

                6 = LAYING

Note: The remaining variables in the data set are the means of 66 variables that were obtained from the Human Activity Recognition Using Smartphones Dataset, which is here: http://archive.ics.uci.edu/ml/datasets/Human+Activity+Recognition+Using+Smartphones

The means are for the following variables:

tBodyAcc-mean()-X

tBodyAcc-mean()-Y

tBodyAcc-mean()-Z

tBodyAcc-std()-X

tBodyAcc-std()-Y

tBodyAcc-std()-Z

tGravityAcc-mean()-X

tGravityAcc-mean()-Y

tGravityAcc-mean()-Z

tGravityAcc-std()-X

tGravityAcc-std()-Y

tGravityAcc-std()-Z

tBodyAccJerk-mean()-X

tBodyAccJerk-mean()-Y

tBodyAccJerk-mean()-Z

tBodyAccJerk-std()-X

tBodyAccJerk-std()-Y

tBodyAccJerk-std()-Z

tBodyGyro-mean()-X

tBodyGyro-mean()-Y

tBodyGyro-mean()-Z

tBodyGyro-std()-X

tBodyGyro-std()-Y

tBodyGyro-std()-Z

tBodyGyroJerk-mean()-X

tBodyGyroJerk-mean()-Y

tBodyGyroJerk-mean()-Z

tBodyGyroJerk-std()-X

tBodyGyroJerk-std()-Y

tBodyGyroJerk-std()-Z

tBodyAccMag-mean()

tBodyAccMag-std()

tGravityAccMag-mean()

tGravityAccMag-std()

tBodyAccJerkMag-mean()

tBodyAccJerkMag-std()

tBodyGyroMag-mean()

tBodyGyroMag-std()

tBodyGyroJerkMag-mean()

tBodyGyroJerkMag-std()

fBodyAcc-mean()-X

fBodyAcc-mean()-Y

fBodyAcc-mean()-Z

fBodyAcc-std()-X

fBodyAcc-std()-Y

fBodyAcc-std()-Z

fBodyAccJerk-mean()-X

fBodyAccJerk-mean()-Y

fBodyAccJerk-mean()-Z

fBodyAccJerk-std()-X

fBodyAccJerk-std()-Y

fBodyAccJerk-std()-Z

fBodyGyro-mean()-X

fBodyGyro-mean()-Y

fBodyGyro-mean()-Z

fBodyGyro-std()-X

fBodyGyro-std()-Y

fBodyGyro-std()-Z

fBodyAccMag-mean()

fBodyAccMag-std()

fBodyBodyAccJerkMag-mean()

fBodyBodyAccJerkMag-std()

fBodyBodyGyroMag-mean()

fBodyBodyGyroMag-std()

fBodyBodyGyroJerkMag-mean()

fBodyBodyGyroJerkMag-std()