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 following variables 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

Variable		Description
V1	Mean of:	tBodyAcc-mean()-X
V2	Mean of:	tBodyAcc-mean()-Y
V3	Mean of:	tBodyAcc-mean()-Z
V4	Mean of:	tBodyAcc-std()-X
V5	Mean of:	tBodyAcc-std()-Y
V6	Mean of:	tBodyAcc-std()-Z
V41	Mean of:	tGravityAcc-mean()-X
V42	Mean of:	tGravityAcc-mean()-Y
V43	Mean of:	tGravityAcc-mean()-Z
V44	Mean of:	tGravityAcc-std()-X
V45	Mean of:	tGravityAcc-std()-Y
V46	Mean of:	tGravityAcc-std()-Z
V81	Mean of:	tBodyAccJerk-mean()-X
V82	Mean of:	tBodyAccJerk-mean()-Y
V83	Mean of:	tBodyAccJerk-mean()-Z
V84	Mean of:	tBodyAccJerk-std()-X
V85	Mean of:	tBodyAccJerk-std()-Y
V86	Mean of:	tBodyAccJerk-std()-Z
V121	Mean of:	tBodyGyro-mean()-X
V122	Mean of:	tBodyGyro-mean()-Y
V123	Mean of:	tBodyGyro-mean()-Z
V124	Mean of:	tBodyGyro-std()-X
V125	Mean of:	tBodyGyro-std()-Y
V126	Mean of:	tBodyGyro-std()-Z

V161	Mean of:	tBodyGyroJerk-mean()-X
V162	Mean of:	tBodyGyroJerk-mean()-Y
V163	Mean of:	tBodyGyroJerk-mean()-Z
V164	Mean of:	tBodyGyroJerk-std()-X
V165	Mean of:	tBodyGyroJerk-std()-Y
V166	Mean of:	tBodyGyroJerk-std()-Z
V201	Mean of:	tBodyAccMag-mean()
V202	Mean of:	tBodyAccMag-std()
V214	Mean of:	tGravityAccMag-mean()
V215	Mean of:	tGravityAccMag-std()
V227	Mean of:	tBodyAccJerkMag-mean()
V228	Mean of:	tBodyAccJerkMag-std()
V240	Mean of:	tBodyGyroMag-mean()
V241	Mean of:	tBodyGyroMag-std()
V253	Mean of:	tBodyGyroJerkMag-mean()
V254	Mean of:	tBodyGyroJerkMag-std()
V266	Mean of:	fBodyAcc-mean()-X
V267	Mean of:	fBodyAcc-mean()-Y
V268	Mean of:	fBodyAcc-mean()-Z
V269	Mean of:	fBodyAcc-std()-X
V270	Mean of:	fBodyAcc-std()-Y
V271	Mean of:	fBodyAcc-std()-Z
V345	Mean of:	fBodyAccJerk-mean()-X
V346	Mean of:	fBodyAccJerk-mean()-Y
V347	Mean of:	fBodyAccJerk-mean()-Z
V348	Mean of:	fBodyAccJerk-std()-X
V349	Mean of:	fBodyAccJerk-std()-Y
V350	Mean of:	fBodyAccJerk-std()-Z
V424	Mean of:	fBodyGyro-mean()-X
V425	Mean of:	fBodyGyro-mean()-Y
V426	Mean of:	fBodyGyro-mean()-Z
V427	Mean of:	fBodyGyro-std()-X
V428	Mean of:	fBodyGyro-std()-Y
V429	Mean of:	fBodyGyro-std()-Z
V503	Mean of:	fBodyAccMag-mean()
V504	Mean of:	fBodyAccMag-std()
V516	Mean of:	fBodyBodyAccJerkMag-mean()
V517	Mean of:	fBodyBodyAccJerkMag-std()
V529	Mean of:	fBodyBodyGyroMag-mean()
V530	Mean of:	fBodyBodyGyroMag-std()
V542	Mean of:	fBodyBodyGyroJerkMag-mean()
V543	Mean of:	fBodyBodyGyroJerkMag-std()