My added columns:

“activity”

describes the activity from activity type.

one of: walking, walking\_upstairs, walking\_downstairs, sitting, standing, laying

“subject\_id”

identifying number for one of 30 subjects

“activity\_type”

number corresponding to an activity

1= walking

2= walking upstairs

3= walking downstairs

4= sitting

5= standing

6= laying

Original Measurements, averaged per subject for each activity:

"tBodyAcc-mean()-X"

"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()"