Features Column Number:	Original Column Names	MyFinalTidyDataSet Column Names
Source files: activity_labels, subject_train & subject_test, X_train, y_train & X_test, y_test. Extract mean() & std() columns from features: There are 10299 records		All measures are calculated as the average of the original values grouped by Activity, Subject. There are 180 records.
Features Column Number:	**Original Column Names**	**MyFinalTidyDataSet Column Names**
	Activity Description	Activity
	Subject	Subject
1	tBodyAcc-mean()-X	tBodyAcc_mean
2	tBodyAcc-mean()-Y	tBodyAcc_mean_Y
3	tBodyAcc-mean()-Z	tBodyAcc_mean_Z
4	tBodyAcc-std()-X	tBodyAcc_std_X
5	tBodyAcc-std()-Y	tBodyAcc_std_Y
6	tBodyAcc-std()-Z	tBodyAcc_std_Z
41	tGravityAcc-mean()-X	tGravityAcc_mean_X
42	tGravityAcc-mean()-Y	tGravityAcc_mean_Y
43	tGravityAcc-mean()-Z	tGravityAcc_mean_Z
44	tGravityAcc-std()-X	tGravityAcc_std_X
45	tGravityAcc-std()-Y	tGravityAcc_std_Y
46	tGravityAcc-std()-Z	tGravityAcc_std_Z
81	tBodyAccJerk-mean()-X	tBodyAccJerk_mean_X
82	tBodyAccJerk-mean()-Y	tBodyAccJerk_mean_Y
83	tBodyAccJerk-mean()-Z	tBodyAccJerk_mean_Z
84	tBodyAccJerk-std()-X	tBodyAccJerk_std_X
85	tBodyAccJerk-std()-Y	tBodyAccJerk_std_Y
86	tBodyAccJerk-std()-Z	tBodyAccJerk_std_Z
121	tBodyGyro-mean()-X	tBodyGyro_mean_X
122	tBodyGyro-mean()-Y	tBodyGyro_mean_Y
123	tBodyGyro-mean()-Z	tBodyGyro_mean_Z
124	tBodyGyro-std()-X	tBodyGyro_std_X
125	tBodyGyro-std()-Y	tBodyGyro_std_Y
126	tBodyGyro-std()-Z	tBodyGyro_std_Z
161	tBodyGyroJerk-mean()-X	tBodyGyroJerk_mean_X
162	tBodyGyroJerk-mean()-Y	tBodyGyroJerk_mean_Y
163	tBodyGyroJerk-mean()-Z	tBodyGyroJerk_mean_Z
164	tBodyGyroJerk-std()-X	tBodyGyroJerk_std_X
165	tBodyGyroJerk-std()-Y	tBodyGyroJerk_std_Y
166	tBodyGyroJerk-std()-Z	tBodyGyroJerk_std_Z
201	tBodyAccMag-mean()	tBodyAccMag_mean
202	tBodyAccMag-std()	tBodyAccMag_std
214	tGravityAccMag-mean()	tGravityAccMag_mean
215	tGravityAccMag-std()	tGravityAccMag_std
227	tBodyAccJerkMag-mean()	tBodyAccJerkMag_mean
228	tBodyAccJerkMag-std()	tBodyAccJerkMag_std
240	tBodyGyroMag-mean()	tBodyGyroMag_mean
241	tBodyGyroMag-std()	tBodyGyroMag_std
253	tBodyGyroJerkMag-mean()	tBodyGyroJerkMag_mean
254	tBodyGyroJerkMag-std()	tBodyGyroJerkMag_std
266	fBodyAcc-mean()-X	fBodyAcc_mean_X
267	fBodyAcc-mean()-Y	fBodyAcc_mean_Y
268	fBodyAcc-mean()-Z	fBodyAcc_mean_Z
269	fBodyAcc-std()-X	fBodyAcc_std_X
270	fBodyAcc-std()-Y	fBodyAcc_std_Y
271	fBodyAcc-std()-Z	fBodyAcc_std_Z
345	fBodyAccJerk-mean()-X	fBodyAccJerk_mean_X
346	fBodyAccJerk-mean()-Y	fBodyAccJerk_mean_Y
347	fBodyAccJerk-mean()-Z	fBodyAccJerk_mean_Z
348	fBodyAccJerk-std()-X	fBodyAccJerk_std_X
349	fBodyAccJerk-std()-Y	fBodyAccJerk_std_Y
350	fBodyAccJerk-std()-Z	fBodyAccJerk_std_Z
424	fBodyGyro-mean()-X	fBodyGyro_mean_X
425	fBodyGyro-mean()-Y	fBodyGyro_mean_Y
426	fBodyGyro-mean()-Z	fBodyGyro_mean_Z
427	fBodyGyro-std()-X	fBodyGyro_std_X
428	fBodyGyro-std()-Y	fBodyGyro_std_Y
429	fBodyGyro-std()-Z	fBodyGyro_std_Z
503	fBodyAccMag-mean()	fBodyAccMag_mean
504	fBodyAccMag-std()	fBodyAccMag_std
516	fBodyBodyAccJerkMag-mean()	fBodyBodyAccJerkMag_mean
517	fBodyBodyAccJerkMag-std()	fBodyBodyAccJerkMag_std
529	fBodyBodyGyroMag-mean()	fBodyBodyGyroMag_mean
530	fBodyBodyGyroMag-std()	fBodyBodyGyroMag_std
542	fBodyBodyGyroJerkMag-mean()	fBodyBodyGyroJerkMag_mean
543	fBodyBodyGyroJerkMag-std()	fBodyBodyGyroJerkMag_std