Variable	Description	Type	Possible Range
subject_id	Unique subject identifier	number	1-30
activity	Activity performed by subject	character	LAYING, SITTING, STANDING, WALKING, WALKING_DOWNSTAIRS, WALKING_UPSTAIRS
mean_tBodyAcc-mean()-X	Mean of tBodyAcc-mean()-X	number	bounded within [-1,1]
mean_tBodyAcc-mean()-Y	Mean of tBodyAcc-mean()-Y	number	bounded within [-1,1]
mean_tBodyAcc-mean()-Z	Mean of tBodyAcc-mean()-Z	number	bounded within [-1,1]
mean_tGravityAcc-mean()-X	Mean of tGravityAcc-mean()-X	number	bounded within [-1,1]
mean_tGravityAcc-mean()-Y	Mean of tGravityAcc-mean()-Y	number	bounded within [-1,1]
mean_tGravityAcc-mean()-Z	Mean of tGravityAcc-mean()-Z	number	bounded within [-1,1]
mean_tBodyAccJerk-mean()-X	Mean of tBodyAccJerk-mean()-X	number	bounded within [-1,1]
mean_tBodyAccJerk-mean()-Y	Mean of tBodyAccJerk-mean()-Y	number	bounded within [-1,1]
mean_tBodyAccJerk-mean()-Z	Mean of tBodyAccJerk-mean()-Z	number	bounded within [-1,1]
mean_tBodyGyro-mean()-X	Mean of tBodyGyro-mean()-X	number	bounded within [-1,1]
mean_tBodyGyro-mean()-Y	Mean of tBodyGyro-mean()-Y	number	bounded within [-1,1]
mean_tBodyGyro-mean()-Z	Mean of tBodyGyro-mean()-Z	number	bounded within [-1,1]
mean_tBodyGyroJerk-mean()-X	Mean of tBodyGyroJerk-mean()-X	number	bounded within [-1,1]
mean_tBodyGyroJerk-mean()-Y	Mean of tBodyGyroJerk-mean()-Y	number	bounded within [-1,1]
mean_tBodyGyroJerk-mean()-Z	Mean of tBodyGyroJerk-mean()-Z	number	bounded within [-1,1]
mean_tBodyAccMag-mean()	Mean of tBodyAccMag-mean()	number	bounded within [-1,1]
mean_tGravityAccMag-mean()	Mean of tGravityAccMag-mean()	number	bounded within [-1,1]
mean_tBodyAccJerkMag-mean()	Mean of tBodyAccJerkMag-mean()	number	bounded within [-1,1]
mean_tBodyGyroMag-mean()	Mean of tBodyGyroMag-mean()	number	bounded within [-1,1]
mean_tBodyGyroJerkMag-mean()	Mean of tBodyGyroJerkMag-mean()	number	bounded within [-1,1]
mean_fBodyAcc-mean()-X	Mean of fBodyAcc-mean()-X	number	bounded within [-1,1]
mean_fBodyAcc-mean()-Y	Mean of fBodyAcc-mean()-Y	number	bounded within [-1,1]
mean_fBodyAcc-mean()-Z	Mean of fBodyAcc-mean()-Z	number	bounded within [-1,1]
mean_fBodyAcc-meanFreq()-X	Mean of fBodyAcc-meanFreq()-X	number	bounded within [-1,1]
mean_fBodyAcc-meanFreq()-Y	Mean of fBodyAcc-meanFreq()-Y	number	bounded within [-1,1]
mean_fBodyAcc-meanFreq()-Z	Mean of fBodyAcc-meanFreq()-Z	number	bounded within [-1,1]
mean_fBodyAccJerk-mean()-X	Mean of fBodyAccJerk-mean()-X	number	bounded within [-1,1]
mean_fBodyAccJerk-mean()-Y	Mean of fBodyAccJerk-mean()-Y	number	bounded within [-1,1]
mean_fBodyAccJerk-mean()-Z	Mean of fBodyAccJerk-mean()-Z	number	bounded within [-1,1]
mean_fBodyAccJerk-meanFreq()-X	Mean of fBodyAccJerk-meanFreq()-X	number	bounded within [-1,1]
mean_fBodyAccJerk-meanFreq()-Y	Mean of fBodyAccJerk-meanFreq()-Y	number	bounded within [-1,1]
mean_fBodyAccJerk-meanFreq()-Z	Mean of fBodyAccJerk-meanFreq()-Z	number	bounded within [-1,1]
mean_fBodyGyro-mean()-X	Mean of fBodyGyro-mean()-X	number	bounded within [-1,1]
mean_fBodyGyro-mean()-Y	Mean of fBodyGyro-mean()-Y	number	bounded within [-1,1]
mean_fBodyGyro-mean()-Z	Mean of fBodyGyro-mean()-Z	number	bounded within [-1,1]
mean_fBodyGyro-meanFreq()-X	Mean of fBodyGyro-meanFreq()-X	number	bounded within [-1,1]

mean_fBodyGyro-meanFreq()-Y	Mean of fBodyGyro-meanFreq()-Y	number	bounded within [-1,1]
mean_fBodyGyro-meanFreq()-Z	Mean of fBodyGyro-meanFreq()-Z	number	bounded within [-1,1]
mean_fBodyAccMag-mean()	Mean of fBodyAccMag-mean()	number	bounded within [-1,1]
mean_fBodyAccMag-meanFreq()	Mean of fBodyAccMag-meanFreq()	number	bounded within [-1,1]
mean_fBodyBodyAccJerkMag-mean()	Mean of fBodyBodyAccJerkMag-mean()	number	bounded within [-1,1]
mean_fBodyBodyAccJerkMag-meanFreq()	Mean of fBodyBodyAccJerkMag-meanFreq()	number	bounded within [-1,1]
mean_fBodyBodyGyroMag-mean()	Mean of fBodyBodyGyroMag-mean()	number	bounded within [-1,1]
mean_fBodyBodyGyroMag-meanFreq()	Mean of fBodyBodyGyroMag-meanFreq()	number	bounded within [-1,1]
mean_fBodyBodyGyroJerkMag-mean()	Mean of fBodyBodyGyroJerkMag-mean()	number	bounded within [-1,1]
mean_fBodyBodyGyroJerkMag-meanFreq()	Mean of fBodyBodyGyroJerkMag-meanFreq()	number	bounded within [-1,1]
mean_tBodyAcc-std()-X	Mean of tBodyAcc-std()-X	number	bounded within [-1,1]
mean_tBodyAcc-std()-Y	Mean of tBodyAcc-std()-Y	number	bounded within [-1,1]
mean_tBodyAcc-std()-Z	Mean of tBodyAcc-std()-Z	number	bounded within [-1,1]
mean_tGravityAcc-std()-X	Mean of tGravityAcc-std()-X	number	bounded within [-1,1]
mean_tGravityAcc-std()-Y	Mean of tGravityAcc-std()-Y	number	bounded within [-1,1]
mean_tGravityAcc-std()-Z	Mean of tGravityAcc-std()-Z	number	bounded within [-1,1]
mean_tBodyAccJerk-std()-X	Mean of tBodyAccJerk-std()-X	number	bounded within [-1,1]
mean_tBodyAccJerk-std()-Y	Mean of tBodyAccJerk-std()-Y	number	bounded within [-1,1]
mean_tBodyAccJerk-std()-Z	Mean of tBodyAccJerk-std()-Z	number	bounded within [-1,1]
mean_tBodyGyro-std()-X	Mean of tBodyGyro-std()-X	number	bounded within [-1,1]
mean_tBodyGyro-std()-Y	Mean of tBodyGyro-std()-Y	number	bounded within [-1,1]
mean_tBodyGyro-std()-Z	Mean of tBodyGyro-std()-Z	number	bounded within [-1,1]
mean_tBodyGyroJerk-std()-X	Mean of tBodyGyroJerk-std()-X	number	bounded within [-1,1]
mean_tBodyGyroJerk-std()-Y	Mean of tBodyGyroJerk-std()-Y	number	bounded within [-1,1]
mean_tBodyGyroJerk-std()-Z	Mean of tBodyGyroJerk-std()-Z	number	bounded within [-1,1]
mean_tBodyAccMag-std()	Mean of tBodyAccMag-std()	number	bounded within [-1,1]
mean_tGravityAccMag-std()	Mean of tGravityAccMag-std()	number	bounded within [-1,1]
mean_tBodyAccJerkMag-std()	Mean of tBodyAccJerkMag-std()	number	bounded within [-1,1]
mean_tBodyGyroMag-std()	Mean of tBodyGyroMag-std()	number	bounded within [-1,1]
mean_tBodyGyroJerkMag-std()	Mean of tBodyGyroJerkMag-std()	number	bounded within [-1,1]
mean_fBodyAcc-std()-X	Mean of fBodyAcc-std()-X	number	bounded within [-1,1]
mean_fBodyAcc-std()-Y	Mean of fBodyAcc-std()-Y	number	bounded within [-1,1]
mean_fBodyAcc-std()-Z	Mean of fBodyAcc-std()-Z	number	bounded within [-1,1]
mean_fBodyAccJerk-std()-X	Mean of fBodyAccJerk-std()-X	number	bounded within [-1,1]
mean_fBodyAccJerk-std()-Y	Mean of fBodyAccJerk-std()-Y	number	bounded within [-1,1]
mean_fBodyAccJerk-std()-Z	Mean of fBodyAccJerk-std()-Z	number	bounded within [-1,1]
mean_fBodyGyro-std()-X	Mean of fBodyGyro-std()-X	number	bounded within [-1,1]

mean_fBodyGyro-std()-Y	Mean of fBodyGyro-std()-Y	number	bounded within [-1,1]
mean_fBodyGyro-std()-Z	Mean of fBodyGyro-std()-Z	number	bounded within [-1,1]
mean_fBodyAccMag-std()	Mean of fBodyAccMag-std()	number	bounded within [-1,1]
mean_fBodyBodyAccJerkMag-std()	Mean of fBodyBodyAccJerkMag-std()	number	bounded within [-1,1]
mean_fBodyBodyGyroMag-std()	Mean of fBodyBodyGyroMag-std()	number	bounded within [-1,1]
mean_fBodyBodyGyroJerkMag-std()	Mean of fBodyBodyGyroJerkMag-std()	number	bounded within [-1,1]