Key	Meaning
t	time domain
f	frequency domain
Body	Human body or human generated
Gravity	Earth gravity generated
Acc	Acceleration
Jerk	Jerk motion
Gyro	angular motion
Mag	magnitude
freq	frequency
mean	statisitcal mean
std	statistical standard deviation
X	along X axial
Y	along Y axial
Z	along Z axial

ColumnName	ColumnNameDefinition
person_id	Identifier of the subject
activity	The activity being meansured, such as walking, walking up, walking down, sitting, standing, laying.
tBodyAcc_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAcc_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAcc_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tGravityAcc_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tGravityAcc_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tGravityAcc_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccJerk_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccJerk_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccJerk_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyro_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyro_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyro_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroJerk_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.

tBodyGyroJerk_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroJerk_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tGravityAccMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccJerkMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroJerkMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAcc_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAcc_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAcc_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAcc_meanFreqX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAcc_meanFreqY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAcc_meanFreqZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccJerk_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccJerk_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccJerk_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccJerk_meanFreqX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccJerk_meanFreqY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccJerk_meanFreqZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyGyro_meanX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyGyro_meanY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyGyro_meanZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyGyro_meanFreqX	Average for the subject and activity of a specific measurement. Use key to decode meaning.

fBodyGyro_meanFreqY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyGyro_meanFreqZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyAccMag_meanFreq	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyAccJerkMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyAccJerkMag_meanFre	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyGyroMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyGyroMag_meanFreq	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyGyroJerkMag_mean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyGyroJerkMag_meanFr	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_tBodyAccMeangravity	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_tBodyAccJerkMean_gravit	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_tBodyGyroMeangravityMe	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_tBodyGyroJerkMeangravit	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_XgravityMean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_YgravityMean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
angle_ZgravityMean	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAcc_stdX	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAcc_stdY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAcc_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
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tGravityAcc_stdY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tGravityAcc_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.

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tBodyAccJerk_stdY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccJerk_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
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tBodyGyro_stdY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyro_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
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tBodyGyroJerk_stdY	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroJerk_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tGravityAccMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyAccJerkMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
tBodyGyroJerkMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
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fBodyAccJerk_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.
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fBodyGyro_stdZ	Average for the subject and activity of a specific measurement. Use key to decode meaning.

fBodyAccMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyAccJerkMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyGyroMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.
fBodyBodyGyroJerkMag_std	Average for the subject and activity of a specific measurement. Use key to decode meaning.