

Data Label	Text Description	Range of values
Subject identifier	Numeric identifier for 30 volunteers	1..30
Activity label	Text label for 6 activities	WALKING, WALKING_UPSTAIRS, WALKING_DOWNSTAIRS, SITTING, STANDING, LAYING
AverageOftimeBodyAccMeanX	Average of time domain signal of body acceleration mean value in X direction	[-1,1]
AverageOftimeBodyAccMeanY	Average of time domain signal of body acceleration mean value in Y direction	[-1,1]
AverageOftimeBodyAccMeanZ	Average of time domain signal of body acceleration mean value in Z direction	[-1,1]
AverageOftimeBodyAccStdX	Average of time domain signal of body acceleration standard deviation in X direction	[-1,1]
AverageOftimeBodyAccStdY	Average of time domain signal of body acceleration standard deviation in Y direction	[-1,1]
AverageOftimeBodyAccStdZ	Average of time domain signal of body acceleration standard deviation in Z direction	[-1,1]
AverageOftimeGravityAccMeanX	Average of time domain signal of gravity acceleration mean value in X direction	[-1,1]
AverageOftimeGravityAccMeanY	Average of time domain signal of gravity acceleration mean value in Y direction	[-1,1]

AverageOftimeGravityAccMeanZ	Average of time domain signal of gravity acceleration mean value in Z direction	[-1,1]
AverageOftimeGravityAccStdX	Average of time domain signal of gravity acceleration standard deviation in X direction	[-1,1]
AverageOftimeGravityAccStdY	Average of time domain signal of gravity acceleration standard deviation in Y direction	[-1,1]
AverageOftimeGravityAccStdZ	Average of time domain signal of gravity acceleration standard deviation in Z direction	[-1,1]
AverageOftimeBodyAccJerkMeanX	Average of time domain signal of body jerk mean value in X direction	[-1,1]
AverageOftimeBodyAccJerkMeanY	Average of time domain signal of body jerk mean value in Y direction	[-1,1]
AverageOftimeBodyAccJerkMeanZ	Average of time domain signal of body jerk mean value in Z direction	[-1,1]
AverageOftimeBodyAccJerkStdX	Average of time domain signal of body jerk standard deviation in X direction	[-1,1]
AverageOftimeBodyAccJerkStdY	Average of time domain signal of body jerk standard deviation in Y direction	[-1,1]
AverageOftimeBodyAccJerkStdZ	Average of time domain signal of body jerk standard deviation in Z direction	[-1,1]
AverageOftimeBodyGyroMeanX	Average of time domain signal of body gyro jerk mean value in X direction	[-1,1]

AverageOftimeBodyGyroMeanY	Average of time domain signal of body gyro jerk mean value in Y direction	[-1,1]
AverageOftimeBodyGyroMeanZ	Average of time domain signal of body gyro jerk standard deviation in Z direction	[-1,1]
AverageOftimeBodyGyroStdX	Average of time domain signal of body gyro jerk standard deviation in X direction	[-1,1]
AverageOftimeBodyGyroStdY	Average of time domain signal of body gyro jerk standard deviation in Y direction	[-1,1]
AverageOftimeBodyGyroStdZ	Average of time domain signal of body gyro jerk standard deviation in Z direction	[-1,1]
AverageOftimeBodyGyroJerkMeanX	Average of time domain signal of body gyro jerk mean value in X direction	[-1,1]
AverageOftimeBodyGyroJerkMeanY	Average of time domain signal of body gyro jerk mean value in Y direction	[-1,1]
AverageOftimeBodyGyroJerkMeanZ	Average of time domain signal of body gyro jerk mean value in Z direction	[-1,1]
AverageOftimeBodyGyroJerkStdX	Average of time domain signal of body gyro jerk standard deviation in X direction	[-1,1]
AverageOftimeBodyGyroJerkStdY	Average of time domain signal of body gyro jerk standard deviation in Y direction	[-1,1]
AverageOftimeBodyGyroJerkStdZ	Average of time domain signal of body gyro jerk standard deviation in Z direction	[-1,1]

AverageOftimeBodyAccMagMean	Average of time domain signal of body acceleration magnitude mean value	[-1,1]
AverageOftimeBodyAccMagStd	Average of time domain signal of body acceleration magnitude standard deviation	[-1,1]
AverageOftimeGravityAccMagMean	Average of time domain signal of gravity acceleration magnitude mean value	[-1,1]
AverageOftimeGravityAccMagStd	Average of time domain signal of gravity acceleration magnitude standard deviation	[-1,1]
AverageOftimeBodyAccJerkMagMean	Average of time domain signal of body jerk magnitude mean value	[-1,1]
AverageOftimeBodyAccJerkMagStd	Average of time domain signal of body jerk magnitude standard deviation	[-1,1]
AverageOftimeBodyGyroMagMean	Average of time domain signal of body gyro jerk magnitude mean value	[-1,1]
AverageOftimeBodyGyroMagStd	Average of time domain signal of body gyro jerk magnitude standard deviation	[-1,1]
AverageOftimeBodyGyroJerkMagMean	Average of time domain signal of body gyro jerk magnitude mean value	[-1,1]
AverageOftimeBodyGyroJerkMagStd	Average of time domain signal of body acceleration magnitude standard deviation	[-1,1]
AverageOffreqBodyAccMeanX	Average of frequency domain signal of body acceleration mean value in X direction	[-1,1]

AverageOffreqBodyAccMeanY	Average of frequency domain signal of body acceleration mean value in Y direction	[-1,1]
AverageOffreqBodyAccMeanZ	Average of frequency domain signal of body acceleration mean value in Z direction	[-1,1]
AverageOffreqBodyAccStdX	Average of frequency domain signal of body acceleration standard deviation in X direction	[-1,1]
AverageOffreqBodyAccStdY	Average of frequency domain signal of body acceleration standard deviation in Y direction	[-1,1]
AverageOffreqBodyAccStdZ	Average of frequency domain signal of body acceleration standard deviation in Z direction	[-1,1]
AverageOffreqBodyAccMeanFreqX	Average of frequency domain signal of body acceleration mean frequency in X direction	[-1,1]
AverageOffreqBodyAccMeanFreqY	Average of frequency domain signal of body acceleration mean frequency in Y direction	[-1,1]
AverageOffreqBodyAccMeanFreqZ	Average of frequency domain signal of body acceleration mean frequency in Z direction	[-1,1]
AverageOffreqBodyAccJerkMeanX	Average of frequency domain signal of gravity acceleration mean value in X direction	[-1,1]
AverageOffreqBodyAccJerkMeanY	Average of frequency domain signal of body jerk mean value in Y direction	[-1,1]

AverageOffreqBodyAccJerkMeanZ	Average of frequency domain signal of body jerk mean value in Z direction	[-1,1]
AverageOffreqBodyAccJerkStdX	Average of frequency domain signal of body jerk standard deviation in X direction	[-1,1]
AverageOffreqBodyAccJerkStdY	Average of frequency domain signal of body jerk standard deviation in Y direction	[-1,1]
AverageOffreqBodyAccJerkStdZ	Average of frequency domain signal of body jerk standard deviation in Z direction	[-1,1]
AverageOffreqBodyAccJerkMeanFreqX	Average of frequency domain signal of body jerk mean frequency in X direction	[-1,1]
AverageOffreqBodyAccJerkMeanFreqY	Average of frequency domain signal of body jerk mean frequency in Y direction	[-1,1]
AverageOffreqBodyAccJerkMeanFreqZ	Average of frequency domain signal of body jerk mean frequency in Z direction	[-1,1]
AverageOffreqBodyGyroMeanX	Average of frequency domain signal of body gyro jerk mean value in X direction	[-1,1]
AverageOffreqBodyGyroMeanY	Average of frequency domain signal of body gyro jerk mean value in Y direction	[-1,1]
AverageOffreqBodyGyroMeanZ	Average of frequency domain signal of body gyro jerk mean value in Z direction	[-1,1]

AverageOffreqBodyGyroStdX	Average of frequency domain signal of body gyro jerk standard deviation in X direction	[-1,1]
AverageOffreqBodyGyroStdY	Average of frequency domain signal of body gyro jerk standard deviation in Y direction	[-1,1]
AverageOffreqBodyGyroStdZ	Average of frequency domain signal of body gyro jerk standard deviation in Z direction	[-1,1]
AverageOffreqBodyGyroMeanFreqX	Average of frequency domain signal of body gyro jerk mean value in X direction	[-1,1]
AverageOffreqBodyGyroMeanFreqY	Average of frequency domain signal of body gyro jerk mean value in Y direction	[-1,1]
AverageOffreqBodyGyroMeanFreqZ	Average of frequency domain signal of body gyro jerk mean value in Z direction	[-1,1]
AverageOffreqBodyAccMagMean	Average of frequency domain signal of body acceleration magnitude mean value	[-1,1]
AverageOffreqBodyAccMagStd	Average of frequency domain signal of body acceleration magnitude standard deviation	[-1,1]
AverageOffreqBodyAccMagMeanFreq	Average of frequency domain signal of body acceleration magnitude mean frequency	[-1,1]
AverageOffreqBodyAccJerkMagMean	Average of frequency domain signal of body jerk magnitude mean value	[-1,1]

AverageOffreqBodyAccJerkMagStd	Average of frequency domain signal of body jerk magnitude standard deviation	[-1,1]
AverageOffreqBodyAccJerkMagMeanFreq	Average of frequency domain signal of body jerk magnitude mean frequency	[-1,1]
AverageOffreqBodyGyroMagMean	Average of frequency domain signal of body gyro jerk magnitude mean value	[-1,1]
AverageOffreqBodyGyroMagStd	Average of frequency domain signal of body gyro jerk magnitude standard deviation	[-1,1]
AverageOffreqBodyGyroMagMeanFreq	Average of frequency domain signal of body gyro jerk magnitude mean frequency	[-1,1]
AverageOffreqBodyGyroJerkMagMean	Average of frequency domain signal of body gyro jerk magnitude mean value	[-1,1]
AverageOffreqBodyGyroJerkMagStd	Average of frequency domain signal of body gyro jerk magnitude standard deviation	[-1,1]
AverageOffreqBodyGyroJerkMagMeanFreq	Average of frequency domain signal of body gyro jerk magnitude mean frequency	[-1,1]