Data Label	Text Description	Range of values
Subject identifier	Numeric identifier for 30	130
	volunteers	
Activity label	Text label for 6 activities	WALKING,
		WALKING_UPSTAIRS,
		WALKING_DOWNSTAIRS,
		SITTING, STANDING,
		LAYING
AverageOftimeBodyAccMeanX	Average of time domain	[-1,1]
	signal of body	
	acceleration mean value	
	in X direction	
AverageOftimeBodyAccMeanY	Average of time domain	[-1,1]
	signal of body	
	acceleration mean value	
	in Y direction	
AverageOftimeBodyAccMeanZ	Average of time domain	[-1,1]
	signal of body	
	acceleration mean value	
	in Z direction	
AverageOftimeBodyAccStdX	Average of time domain	[-1,1]
	signal of body	
	acceleration standard	
	deviation in X direction	
AverageOftimeBodyAccStdY	Average of time domain	[-1,1]
	signal of body	
	acceleration standard	
	deviation in Y direction	
AverageOftimeBodyAccStdZ	Average of time domain	[-1,1]
	signal of body	
	acceleration standard	
	deviation in Z direction	
AverageOftimeGravityAccMeanX	Average of time domain	[-1,1]
	signal of gravity	
	acceleration mean value	
	in X direction	[4 4]
AverageOftimeGravityAccMeanY	Average of time domain	[-1,1]
	signal of gravity	
	acceleration mean value	
	in Y direction	

Average OftimeGravityAccMeanZ Average of time domain signal of gravity acceleration mean value in Z direction AverageOftimeGravityAccStdX Average of time domain signal of gravity acceleration standard
acceleration mean value in Z direction AverageOftimeGravityAccStdX Average of time domain signal of gravity [-1,1]
AverageOftimeGravityAccStdX Average of time domain signal of gravity [-1,1]
signal of gravity
acceleration standard
deviation in X direction
Average Of time domain [-1,1]
signal of gravity
acceleration standard
deviation in Y direction
AverageOftimeGravityAccStdZ Average of time domain [-1,1]
signal of gravity
acceleration standard
deviation in Z direction
AverageOftimeBodyAccJerkMeanX Average of time domain [-1,1]
signal of body jerk mean
value in X direction
Average Of time domain [-1,1]
signal of body jerk mean
value in Y direction
Average Of time domain [-1,1]
signal of body jerk mean
value in Z direction
Average Of time domain [-1,1]
signal of body jerk
standard deviation in X
direction
Average Of time domain [-1,1]
signal of body jerk
standard deviation in Y
direction
Average Of time domain [-1,1]
AverageOftimeBodyAccJerkStdZ Average of time domain [-1,1] signal of body jerk
signal of body jerk
signal of body jerk standard deviation in Z
signal of body jerk standard deviation in Z direction
signal of body jerk standard deviation in Z direction AverageOftimeBodyGyroMeanX Average of time domain [-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	[-1,1]
	signal of body	-,+,
	acceleration magnitude	
	mean value	
AverageOftimeBodyAccMagStd	Average of time domain	[-1,1]
, werage or a mesoa yr teethags ta	signal of body	[+,+]
	acceleration magnitude	
	standard deviation	
AverageOftimeGravityAccMagMean	Average of time domain	[-1,1]
	signal of gravity	[-/-]
	acceleration magnitude	
	mean value	
AverageOftimeGravityAccMagStd	Average of time domain	[-1,1]
5 ,0	signal of gravity	
	acceleration magnitude	
	standard deviation	
AverageOftimeBodyAccJerkMagMean	Average of time domain	[-1,1]
, ,	signal of body jerk	
	magnitude mean value	
AverageOftimeBodyAccJerkMagStd	Average of time domain	[-1,1]
, ,	signal of body jerk	
	magnitude standard	
	deviation	
AverageOftimeBodyGyroMagMean	Average of time domain	[-1,1]
	signal of body gyro jerk	
	magnitude mean value	
AverageOftimeBodyGyroMagStd	Average of time domain	[-1,1]
	signal of body gyro jerk	
	magnitude standard	
	deviation	
AverageOftimeBodyGyroJerkMagMean	Average of time domain	[-1,1]
	signal of body gyro jerk	
	magnitude mean value	
AverageOftimeBodyGyroJerkMagStd	Average of time domain	[-1,1]
	signal of body	
	acceleration magnitude	
	standard deviation	
	Standard deviation	
AverageOffreqBodyAccMeanX	Average of frequency	[-1,1]
AverageOffreqBodyAccMeanX		[-1,1]
AverageOffreqBodyAccMeanX	Average of frequency	[-1,1]

AverageOffreqBodyAccMeanY	Average of frequency	[-1,1]
	domain signal of body	-,-,
	acceleration mean value	
	in Y direction	
AverageOffreqBodyAccMeanZ	Average of frequency	[-1,1]
AverageomedbodyAccivicanz	domain signal of body	-,+,
	acceleration mean value	
	in Z direction	
Avorage Offrog Pody AccC+dV	Average of frequency	[11]
AverageOffreqBodyAccStdX	. ,	[-1,1]
	domain signal of body	
	acceleration standard	
A Off D - d A - Cl dly	deviation in X direction	[4 4]
AverageOffreqBodyAccStdY	Average of frequency	[-1,1]
	domain signal of body	
	acceleration standard	
	deviation in Y direction	
AverageOffreqBodyAccStdZ	Average of frequency	[-1,1]
	domain signal of body	
	acceleration standard	
	deviation in Z direction	
AverageOffreqBodyAccMeanFreqX	Average of frequency	[-1,1]
	domain signal of body	
	acceleration mean	
	frequency in X direction	
AverageOffreqBodyAccMeanFreqY	Average of frequency	[-1,1]
	domain signal of body	
	acceleration mean	
	frequency in Y direction	
AverageOffreqBodyAccMeanFreqZ	Average of frequency	[-1,1]
	domain signal of body	
	acceleration mean	
	frequency in Z direction	
AverageOffreqBodyAccJerkMeanX	Average of frequency	[-1,1]
_ , ,	domain signal of gravity	-
	acceleration mean value	
	in X direction	
AverageOffreqBodyAccJerkMeanY	Average of frequency	[-1,1]
, ,	domain signal of body	
	jerk mean value in Y	
	direction	

AverageOffreqBodyAccJerkMeanZ	Average of frequency	[-1,1]
AverageomeqbodyAcGerkivieanz	domain signal of body	[[-1,1]
	jerk mean value in Z	
	direction	
Avorage Offrog Pody Accion k StdV		[1 1]
AverageOffreqBodyAccJerkStdX	Average of frequency	[-1,1]
	domain signal of body	
	jerk standard deviation in	
	X direction	[4 4]
AverageOffreqBodyAccJerkStdY	Average of frequency	[-1,1]
	domain signal of body	
	jerk standard deviation in	
	Y direction	
AverageOffreqBodyAccJerkStdZ	Average of frequency	[-1,1]
	domain signal of body	
	jerk standard deviation in	
	Z direction	
AverageOffreqBodyAccJerkMeanFreqX	Average of frequency	[-1,1]
	domain signal of body	
	jerk mean frequency in X	
	direction	
AverageOffreqBodyAccJerkMeanFreqY	Average of frequency	[-1,1]
	domain signal of body	
	jerk mean frequency in Y	
	direction	
AverageOffreqBodyAccJerkMeanFreqZ	Average of frequency	[-1,1]
	domain signal of body	
	jerk mean frequency in Z	
	direction	
AverageOffreqBodyGyroMeanX	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk mean value in X	
	direction	
AverageOffreqBodyGyroMeanY	Average of frequency	[-1,1]
, , , , , , , , , , , , , , , , , , ,	domain signal of body	_
	gyro jerk mean value in Y	
	direction	
AverageOffreqBodyGyroMeanZ	Average of frequency	[-1,1]
, , ,	domain signal of body	' '
	gyro jerk mean value in Z	
	direction	
		ļ

AverageOffreqBodyGyroStdX	Average of frequency	[-1,1]
AverageOffeqbodyGyroStdX		[[-1,1]
	domain signal of body	
	gyro jerk standard	
A a second Office Park Constitution	deviation in X direction	[4 4]
AverageOffreqBodyGyroStdY	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk standard	
	deviation in Y direction	
AverageOffreqBodyGyroStdZ	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk standard	
	deviation in Z direction	
AverageOffreqBodyGyroMeanFreqX	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk mean value in X	
	direction	
AverageOffreqBodyGyroMeanFreqY	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk mean value in Y	
	direction	
AverageOffreqBodyGyroMeanFreqZ	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk mean value in Z	
	direction	
AverageOffreqBodyAccMagMean	Average of frequency	[-1,1]
	domain signal of body	
	acceleration magnitude	
	mean value	
AverageOffreqBodyAccMagStd	Average of frequency	[-1,1]
_	domain signal of body	
	acceleration magnitude	
	standard deviation	
AverageOffreqBodyAccMagMeanFreq	Average of frequency	[-1,1]
	domain signal of body	· · ·
	acceleration magnitude	
	mean frequency	
AverageOffreqBodyAccJerkMagMean	Average of frequency	[-1,1]
3,,	domain signal of body	[,]
	jerk magnitude mean	
	value	
	Talac	<u> </u>

AverageOffreqBodyAccJerkMagStd	Average of frequency	[-1,1]
	domain signal of body	-/-,
	jerk magnitude standard	
	deviation	
AverageOffreqBodyAccJerkMagMeanFreq	Average of frequency	[-1,1]
/ verage of requotity rester kiving ivically req	domain signal of body	[1,1]
	jerk magnitude mean	
	frequency	
	Average of frequency	[-1,1]
AverageomedbodyGyrolviagivican	domain signal of body	[±,±]
	gyro jerk magnitude	
	mean value	
AverageOffreqBodyGyroMagStd	Average of frequency	[-1,1]
	domain signal of body	[-1,1]
	gyro jerk magnitude	
	standard deviation	
Average Office Dedu Comp Mac Mac a Frage		[1 1]
AverageOffreqBodyGyroMagMeanFreq	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk magnitude	
	mean frequency	
AverageOffreqBodyGyroJerkMagMean	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk magnitude	
	mean value	
AverageOffreqBodyGyroJerkMagStd	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk magnitude	
	standard deviation	
AverageOffreqBodyGyroJerkMagMeanFreq	Average of frequency	[-1,1]
	domain signal of body	
	gyro jerk magnitude	
	mean frequency	