Codebook			
Column Name	**Description**	**domain**	**source**
tBodyAcc.mean.X	x axis body acceleration mean	time	accelerometer
tBodyAcc.mean.Y	y axis body acceleration mean	time	accelerometer
tBodyAcc.mean.Z	z axis body acceleration mean	time	accelerometer
tBodyAcc.std.X	x axis body acceleration std deviation	time	accelerometer
tBodyAcc.std.Y	y axis body acceleration std deviation	time	accelerometer
tBodyAcc.std.Z	z axis body acceleration std deviation	time	accelerometer
tGravityAcc.mean.X	x axis gravity acceleration mean	time	accelerometer
tGravityAcc.mean.Y	y axis gravity acceleration mean	time	accelerometer
tGravityAcc.mean.Z	z axis gravity acceleration mean	time	accelerometer
tGravityAcc.std.X	x axis gravity acceleration std deviation	time	accelerometer
tGravityAcc.std.Y	y axis gravity acceleration std deviation	time	accelerometer
tGravityAcc.std.Z	z axis gravity acceleration std deviation	time	accelerometer
tBodyAccJerk.mean.X	x axis body jerk acceleration mean	time	accelerometer
tBodyAccJerk.mean.Y	y axis body jerk acceleration mean	time	accelerometer
tBodyAccJerk.mean.Z	z axis body jerk acceleration mean	time	accelerometer
tBodyAccJerk.std.X	x axis body jerk acceleration std deviation	time	accelerometer
tBodyAccJerk.std.Y	y axis body jerk acceleration std deviation	time	accelerometer
tBodyAccJerk.std.Z	z axis body jerk acceleration std deviation	time	accelerometer
tBodyGyro.mean.X	x axis body gyro acceleration mean	time	gyro/acc
tBodyGyro.mean.Y	y axis body gyro acceleration mean	time	gyro/acc
tBodyGyro.mean.Z	z axis body gyro acceleration mean	time	gyro/acc
tBodyGyro.std.X	x axis body gyro acceleration std deviation	time	gyro/acc
tBodyGyro.std.Y	y axis body gyro acceleration std deviation	time	gyro/acc
tBodyGyro.std.Z	z axis body gyro acceleration std deviation	time	gyro/acc
tBodyGyroJerk.mean.X	x axis body gyro acceleration mean	time	gyro/acc
tBodyGyroJerk.mean.Y	y axis body gyro acceleration mean	time	gyro/acc
tBodyGyroJerk.mean.Z	z axis body gyro acceleration mean	time	gyro/acc
tBodyGyroJerk.std.X	x axis body gyro acceleration std deviation	time	gyro/acc
tBodyGyroJerk.std.Y	y axis body gyro acceleration std deviation	time	gyro/acc
tBodyGyroJerk.std.Z	z axis body gyro acceleration std deviation	time	gyro/acc
tBodyAccMag.mean.	3D body acceleration magnitude mean	time	Calculated acc/gyro

tBodyAccMag.std.	3D body acceleration magnitude std	time	Calculated acc/gyro
tGravityAccMag.mean.	3D gravity acceleration magnitude mean	time	Calculated acc/gyro
tGravityAccMag.std.	3D gravity acceleration magnitude std	time	Calculated acc/gyro
tBodyAccJerkMag.mean.	3D body acceleration jerk magnitude mean	time	Calculated acc/gyro
tBodyAccJerkMag.std.	3D body acceleration jerk magnitude std	time	Calculated acc/gyro
tBodyGyroMag.mean.	3D velocity magnitude mean	time	Calculated acc/gyro
tBodyGyroMag.std.	3D velocity magnitude std	time	Calculated acc/gyro
tBodyGyroJerkMag.mean.	3D acceleration magnitude mean	time	Calculated acc/gyro
tBodyGyroJerkMag.std.	3D acceleration magnitude std	time	Calculated acc/gyro
fBodyAcc.mean.X	x axis body acceleration mean	frequency	Calculated from FFT
fBodyAcc.mean.Y	y axis body acceleration mean	frequency	Calculated from FFT
fBodyAcc.mean.Z	z axis body acceleration mean	frequency	Calculated from FFT
fBodyAcc.std.X	x axis body acceleration std deviation	frequency	Calculated from FFT
fBodyAcc.std.Y	y axis body acceleration std deviation	frequency	Calculated from FFT
fBodyAcc.std.Z	z axis body acceleration std deviation	frequency	Calculated from FFT
fBodyAcc.meanFreq.X	x axis frequency acceleration mean	frequency	Calculated from FFT
fBodyAcc.meanFreq.Y	y axis frequency acceleration mean	frequency	Calculated from FFT
fBodyAcc.meanFreq.Z	z axis frequency acceleration mean	frequency	Calculated from FFT
fBodyAccJerk.mean.X	x axis body jerk acceleration mean	frequency	Calculated from FFT
fBodyAccJerk.mean.Y	y axis body jerk acceleration mean	frequency	Calculated from FFT
fBodyAccJerk.mean.Z	z axis body jerk acceleration mean	frequency	Calculated from FFT
fBodyAccJerk.std.X	x axis body jerk acceleration std deviation	frequency	Calculated from FFT
fBodyAccJerk.std.Y	y axis body jerk acceleration std deviation	frequency	Calculated from FFT
fBodyAccJerk.std.Z	z axis body jerk acceleration std deviation	frequency	Calculated from FFT
fBodyAccJerk.meanFreq.X	x axis body jerk acceleration std deviation	frequency	Calculated from FFT
fBodyAccJerk.meanFreq.Y	y axis body jerk acceleration std deviation	frequency	Calculated from FFT
fBodyAccJerk.meanFreq.Z	z axis body jerk acceleration std deviation	frequency	Calculated from FFT
fBodyGyro.mean.X	x axis body gyro acceleration mean	frequency	Calculated from FFT
fBodyGyro.mean.Y	y axis body gyro acceleration mean	frequency	Calculated from FFT
fBodyGyro.mean.Z	z axis body gyro acceleration mean	frequency	Calculated from FFT
fBodyGyro.std.X	x axis body gyro acceleration std deviation	frequency	Calculated from FFT
fBodyGyro.std.Y	y axis body gyro acceleration std deviation	frequency	Calculated from FFT
fBodyGyro.std.Z	z axis body gyro acceleration std deviation	frequency	Calculated from FFT
fBodyGyro.meanFreq.X	x axis body gyro acceleration mean	frequency	Calculated from FFT

fBodyGyro.meanFreq.Y	y axis body gyro acceleration mean	frequency	Calculated from FFT
fBodyGyro.meanFreq.Z	z axis body gyro acceleration mean	frequency	Calculated from FFT
fBodyAccMag.mean.	3D body acceleration mean	frequency	Calculated from FFT
fBodyAccMag.std.	3D body acceleration std deviation	frequency	Calculated from FFT
fBodyBodyAccJerkMag.mean.	3D body acceleration mean	frequency	Calculated from FFT
fBodyBodyAccJerkMag.std.	3D body acceleration std deviation	frequency	Calculated from FFT
fBodyBodyGyroMag.mean.	3D body acceleration magnitude std	frequency	Calculated from FFT
fBodyBodyGyroMag.std.	3D gravity acceleration magnitude mean	frequency	Calculated from FFT
fBodyBodyGyroMag.meanFreq.	3D gravity acceleration magnitude std	frequency	Calculated from FFT
fBodyBodyGyroJerkMag.mean.	3D body acceleration jerk magnitude mean	frequency	Calculated from FFT
fBodyBodyGyroJerkMag.std.	3D body acceleration jerk magnitude std	frequency	Calculated from FFT
fBodyBodyGyroJerkMag.meanFreq.	3D velocity magnitude mean	frequency	Calculated from FFT
angle.tBodyAccMean.gravity	angle	angle	Gyroscope
angle.tBodyAccJerkMean.gravityMean	angle	angle	Gyroscope
angle.tBodyGyroMean.gravityMean	angle	angle	Gyroscope
angle.tBodyGyroJerkMean.gravityMean	angle	angle	Gyroscope
angle.X.gravityMean	angle	angle	Gyroscope
angle.Y.gravityMean	angle	angle	Gyroscope
angle.Z.gravityMean	angle	angle	Gyroscope
subject	ID of subject (1 to 30)	ID	NA
activity	1 to 6 (	ID	NA