## Sheet1

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/gyr	

## Sheet1

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

## Sheet1

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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