CODE BOOK

Variables	Description
activity	Activity performed
subject	Subject unique identifier
tBodyAcc.mean...X	Average of Mean value of Body Linear Acceleration (X axis)
tBodyAcc.mean...Y	Average of Mean value of Body Linear Acceleration (Y axis)
tBodyAcc.mean...Z	Average of Mean value of Body Linear Acceleration (Z axis)
tGravityAcc.mean...X	Average of Mean value of Gravity Linear Acceleration (X axis)
tGravityAcc.mean...Y	Average of Mean value of Gravity Linear Acceleration (Y axis)
tGravityAcc.mean...Z	Average of Mean value of Gravity Linear Acceleration (Z axis)
tBodyAccJerk.mean...X	Average of Mean value of Body Linear Acceleration Jerk signals (X axis)
tBodyAccJerk.mean...Y	Average of Mean value of Body Linear Acceleration Jerk signals (Y axis)
tBodyAccJerk.mean...Z	Average of Mean value of Body Linear Acceleration Jerk signals (Z axis)
tBodyGyro.mean...X	Average of Mean value of Body Angular Velocity (X axis)
tBodyGyro.mean...Y	Average of Mean value of Body Angular Velocity (Y axis)
tBodyGyro.mean...Z	Average of Mean value of Body Angular Velocity (Z axis)
tBodyGyroJerk.mean...X	Average of Mean value of Body Angular Velocity Jerk signals (X axis)
tBodyGyroJerk.mean...Y	Average of Mean value of Body Angular Velocity Jerk signals (Y axis)
tBodyGyroJerk.mean...Z	Average of Mean value of Body Angular Velocity Jerk signals (Z axis)
tBodyAccMag.mean..	Average of Mean value of magnitude of Body Linear Acceleration - Euclidean norm
tGravityAccMag.mean..	Average of Mean value of magnitude of Gravity Linear Acceleration - Euclidean norm
tBodyAccJerkMag.mean..	Average of Mean value of magnitude of Body Linear Acceleration Jerk Signals - Euclidean norm
tBodyGyroMag.mean..	Average of Mean value of magnitude of Body Angular Velocity - Euclidean norm
tBodyGyroJerkMag.mean..	Average of Mean value of magnitude of Body Angular Velocity Jerk Signals - Euclidean norm
fBodyAcc.mean...X	Average of Mean value of Body Linear Acceleration (X axis) - Fast Fourier Transform
fBodyAcc.mean...Y	Average of Mean value of Body Linear Acceleration (Y axis) - Fast Fourier Transform
fBodyAcc.mean...Z	Average of Mean value of Body Linear Acceleration (Z axis) - Fast Fourier Transform
fBodyAccJerk.mean...X	Average of Mean value of Body Linear Acceleration Jerk signals (X axis) - Fast Fourier Transform
fBodyAccJerk.mean...Y	Average of Mean value of Body Linear Acceleration Jerk signals (Y axis) - Fast Fourier Transform

fBodyAccJerk.mean...Z	Average of Mean value of Body Linear Acceleration Jerk signals (Z axis) - Fast Fourier Transform
fBodyGyro.mean...X	Average of Mean value of Body Angular Velocity (X axis) - Fast Fourier Transform
fBodyGyro.mean...Y	Average of Mean value of Body Angular Velocity (Y axis) - Fast Fourier Transform
fBodyGyro.mean...Z	Average of Mean value of Body Angular Velocity (Z axis) - Fast Fourier Transform
fBodyAccMag.mean..	Average of Mean value of magnitude of Body Linear Acceleration - Fast Fourier Transform
fBodyBodyAccJerkMag.mean..	Average of Mean value of magnitude of Body Linear Acceleration Jerk Signals - Fast Fourier Transform
fBodyBodyGyroMag.mean..	Average of Mean value of magnitude of Body Angular Velocity - Fast Fourier Transform
fBodyBodyGyroJerkMag.mean..	Average of Mean value of magnitude of Body Angular Velocity Jerk Signals - Fast Fourier Transform
tBodyAcc.std...X	Average of Standard Deviation of Body Linear Acceleration (X axis)
tBodyAcc.std...Y	Average of Standard Deviation of Body Linear Acceleration (Y axis)
tBodyAcc.std...Z	Average of Standard Deviation of Body Linear Acceleration (Z axis)
tGravityAcc.std...X	Average of Standard Deviation of Gravity Linear Acceleration (X axis)
tGravityAcc.std...Y	Average of Standard Deviation of Gravity Linear Acceleration (Y axis)
tGravityAcc.std...Z	Average of Standard Deviation of Gravity Linear Acceleration (Z axis)
tBodyAccJerk.std...X	Average of Standard Deviation of Body Linear Acceleration Jerk signals (X axis)
tBodyAccJerk.std...Y	Average of Standard Deviation of Body Linear Acceleration Jerk signals (Y axis)
tBodyAccJerk.std...Z	Average of Standard Deviation of Body Linear Acceleration Jerk signals (Z axis)
tBodyGyro.std...X	Average of Standard Deviation of Body Angular Velocity (X axis)
tBodyGyro.std...Y	Average of Standard Deviation of Body Angular Velocity (Y axis)
tBodyGyro.std...Z	Average of Standard Deviation of Body Angular Velocity (Z axis)
tBodyGyroJerk.std...X	Average of Standard Deviation of Body Angular Velocity Jerk signals (X axis)
tBodyGyroJerk.std...Y	Average of Standard Deviation of Body Angular Velocity Jerk signals (Y axis)
tBodyGyroJerk.std...Z	Average of Standard Deviation of Body Angular Velocity Jerk signals (Z axis)
tBodyAccMag.std..	Average of Standard Deviation of magnitude of Body Linear Acceleration - Euclidean norm
tGravityAccMag.std..	Average of Standard Deviation of magnitude of Gravity Linear Acceleration - Euclidean norm

tBodyAccJerkMag.std..	Average of Standard Deviation of magnitude of Body Linear Acceleration Jerk Signals - Euclidean norm
tBodyGyroMag.std..	Average of Standard Deviation of magnitude of Body Angular Velocity - Euclidean norm
tBodyGyroJerkMag.std..	Average of Standard Deviation of magnitude of Body Angular Velocity Jerk Signals - Euclidean norm
fBodyAcc.std...X	Average of Standard Deviation of Body Linear Acceleration (X axis) - Fast Fourier Transform
fBodyAcc.std...Y	Average of Standard Deviation of Body Linear Acceleration (Y axis) - Fast Fourier Transform
fBodyAcc.std...Z	Average of Standard Deviation of Body Linear Acceleration (Z axis) - Fast Fourier Transform
fBodyAccJerk.std...X	Average of Standard Deviation of Body Linear Acceleration Jerk signals (X axis) - Fast Fourier Transform
fBodyAccJerk.std...Y	Average of Standard Deviation of Body Linear Acceleration Jerk signals (Y axis) - Fast Fourier Transform
fBodyAccJerk.std...Z	Average of Standard Deviation of Body Linear Acceleration Jerk signals (Z axis) - Fast Fourier Transform
fBodyGyro.std...X	Average of Standard Deviation of Body Angular Velocity (X axis) - Fast Fourier Transform
fBodyGyro.std...Y	Average of Standard Deviation of Body Angular Velocity (Y axis) - Fast Fourier Transform
fBodyGyro.std...Z	Average of Standard Deviation of Body Angular Velocity (Z axis) - Fast Fourier Transform
fBodyAccMag.std..	Average of Standard Deviation of magnitude of Body Linear Acceleration - Fast Fourier Transform
fBodyBodyAccJerkMag.std..	Average of Standard Deviation of magnitude of Body Linear Acceleration Jerk Signals - Fast Fourier Transform
fBodyBodyGyroMag.std..	Average of Standard Deviation of magnitude of Body Angular Velocity - Fast Fourier Transform
fBodyBodyGyroJerkMag.std..	Average of Standard Deviation of magnitude of Body Angular Velocity Jerk Signals - Fast Fourier Transform