CODE BOOK

Variables	Description
activity	Activity performed
subject	Subject unique identifier
tBodyAcc.meanX	Average of Mean value of Body Linear Acceleration (X axis)
tBodyAcc.meanY	Average of Mean value of Body Linear Acceleration (Y axis)
tBodyAcc.meanZ	Average of Mean value of Body Linear Acceleration (Z axis)
tGravityAcc.meanX	Average of Mean value of Gravity Linear Acceleration (X axis)
tGravityAcc.meanY	Average of Mean value of Gravity Linear Acceleration (Y axis)
tGravityAcc.meanZ	Average of Mean value of Gravity Linear Acceleration (Z axis)
tBodyAccJerk.meanX	Average of Mean value of Body Linear Acceleration Jerk signals (X axis)
tBodyAccJerk.meanY	Average of Mean value of Body Linear Acceleration Jerk signals (Y axis)
tBodyAccJerk.meanZ	Average of Mean value of Body Linear Acceleration Jerk signals (Z axis)
tBodyGyro.meanX	Average of Mean value of Body Angular Velocity (X axis)
tBodyGyro.meanY	Average of Mean value of Body Angular Velocity (Y axis)
tBodyGyro.meanZ	Average of Mean value of Body Angular Velocity (Z axis)
tBodyGyroJerk.meanX	Average of Mean value of Body Angular Velocity Jerk signals (X axis)
tBodyGyroJerk.meanY	Average of Mean value of Body Angular Velocity Jerk signals (Y axis)
tBodyGyroJerk.meanZ	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.meanX	Average of Mean value of Body Linear Acceleration (X axis) - Fast Fourier Transform
fBodyAcc.meanY	Average of Mean value of Body Linear Acceleration (Y axis) - Fast Fourier Transform
fBodyAcc.meanZ	Average of Mean value of Body Linear Acceleration (Z axis) - Fast Fourier Transform
fBodyAccJerk.meanX	Average of Mean value of Body Linear Acceleration Jerk signals (X axis) - Fast Fourier Transform
fBodyAccJerk.meanY	Average of Mean value of Body Linear Acceleration Jerk signals (Y axis) - Fast Fourier Transform

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fBodyAccJerk.meanZ	Average of Mean value of Body Linear Acceleration Jerk signals (Z axis) - Fast Fourier Transform
fBodyGyro.meanX	Average of Mean value of Body Angular Velocity (X axis) - Fast Fourier Transform
fBodyGyro.meanY	Average of Mean value of Body Angular Velocity (Y axis) - Fast Fourier Transform
	Average of Mean value of Body Angular Velocity (Z axis) - Fast Fourier
fBodyGyro.meanZ	Transform
	Average of Mean value of magnitude of Body Linear Acceleration -
fBodyAccMag.mean	Fast Fourier Transform
fBodyBodyAccJerkMag.mean	Average of Mean value of magnitude of Body Linear Acceleration Jerk
	Signals - Fast Fourier Transform
	Average of Mean value of magnitude of Body Angular Velocity - Fast
fBodyBodyGyroMag.mean	Fourier Transform
	Average of Mean value of magnitude of Body Angular Velocity Jerk
fBodyBodyGyroJerkMag.mean	Signals - Fast Fourier Transform
tDadi Asaata V	
tBodyAcc.stdX	Average of Standard Deviation of Body Linear Acceleration (X axis)
tBodyAss std V	
tBodyAcc.stdY	Average of Standard Deviation of Body Linear Acceleration (Y axis)
tDodyAss std 7	
tBodyAcc.stdZ	Average of Standard Deviation of Body Linear Acceleration (Z axis)
tGravityAcc std Y	
tGravityAcc.stdX	Average of Standard Deviation of Gravity Linear Acceleration (X axis)
tGravityAcc.stdY	
toruvityAcc.stu1	Average of Standard Deviation of Gravity Linear Acceleration (Y axis)
tGravityAcc.stdZ tBodyAccJerk.stdX	Assessed of Chandrad Designation of Considerations Assessment in (7 axis)
	Average of Standard Deviation of Gravity Linear Acceleration (Z axis)
	Average of Standard Deviation of Body Linear Acceleration Jerk signals (X axis)
tBodyAccJerk.stdY	Average of Standard Deviation of Body Linear Acceleration Jerk signals
	(Y axis)
tBodyAccJerk.stdZ	Average of Standard Deviation of Body Linear Acceleration Jerk signals
	(Z axis)
tBodyGyro.stdX	
	Average of Standard Deviation of Body Angular Velocity (X axis)
tPoduCuro std. V	
tBodyGyro.stdY	Average of Standard Deviation of Body Angular Velocity (Y axis)
tRodyGyro std 7	
tBodyGyro.stdZ	Average of Standard Deviation of Body Angular Velocity (Z axis)
tBodyGyroJerk.stdX	Average of Standard Deviation of Body Angular Velocity Jerk signals (X
	axis)
tBodyGyroJerk.stdY	Average of Standard Deviation of Body Angular Velocity Jerk signals (Y
	axis)
tBodyGyroJerk.stdZ	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
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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.stdX	Average of Standard Deviation of Body Linear Acceleration (X axis) -
	Fast Fourier Transform
fBodyAcc.stdY	Average of Standard Deviation of Body Linear Acceleration (Y axis) -
	Fast Fourier Transform
fBodyAcc.stdZ	Average of Standard Deviation of Body Linear Acceleration (Z axis) -
	Fast Fourier Transform
fBodyAccJerk.stdX	Average of Standard Deviation of Body Linear Acceleration Jerk signals
	(X axis) - Fast Fourier Transform
fD = d. A = d = d = vd = V	Average of Standard Deviation of Body Linear Acceleration Jerk signals
fBodyAccJerk.stdY	(Y axis) - Fast Fourier Transform
fBodyAccJerk.stdZ	Average of Standard Deviation of Body Linear Acceleration Jerk signals
	(Z axis) - Fast Fourier Transform
fBodyGyro.stdX	Average of Standard Deviation of Body Angular Velocity (X axis) - Fast
	Fourier Transform
fBodyGyro.stdY	Average of Standard Deviation of Body Angular Velocity (Y axis) - Fast
	Fourier Transform
fBodyGyro.stdZ	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
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