Data Dictionary – Tidy Data For Coursera Course Getting and Cleaning Data, Course Project

Subject

Anonymized number to represent the person (Subject)

1..30

Activity

Type of activity measured on the subject

Laying

Sitting

Standing

Walking

Walking_Downstairs

Walking_Upstairs

tBodyAccMag-mean()
Mean value of body acceleration

tGravityAccMag-mean()
Mean value of gravity acceleration

tBodyAccJerkMag-mean()
Mean value of body acceleration due to jerking motion

tBodyGyroMag-mean()
Mean Value of body gyroscopic magnitude

tBodyGyroJerkMag-mean()
Mean value of body gyroscopic magnitude due to jerking motion

fBodyAccMag-mean()
Mean value of body acceleration magnitude

fBodyAccMag-meanFreq()
Mean value of body acceleration magnitude, frequency

fBodyBodyAccJerkMag-mean()
Mean value of body acceleration magnitude due to jerking motion

fBodyBodyAccJerkMag-meanFreq()
Mean value of body acceleration magnitude, frequency due to jerking motion

fBodyBodyGyroMag-mean()
Mean value of body gyroscopic magnitude

fBodyBodyGyroMag-meanFreq()
Mean value of body gyroscopic magnitude, frequency

fBodyBodyGyroJerkMag-mean()
Mean value of body gyroscopic magnitude due to jerking motion

fBodyBodyGyroJerkMag-meanFreq()
Mean value of body gyroscopic magnitude, frequency due to jerking motion

tBodyAccMag-std()
Standard Deviation value of body acceleration

tGravityAccMag-std()
Standard Deviation value of gravity acceleration

tBodyAccJerkMag-std()
Standard Deviation value of body acceleration due to jerking motion

tBodyGyroMag-std()
Standard Deviation value of body gyroscopic magnitude

tBodyGyroJerkMag-std()
Standard Deviation value of body gyroscopic magnitude due to jerking motion

fBodyAccMag-std()
Standard Deviation value of body acceleration magnitude

fBodyBodyAccJerkMag-std()
Standard Deviation value of body acceleration due to jerking motion

fBodyBodyGyroMag-std()
Standard Deviation value of body gyroscopic magnitude

fBodyBodyGyroJerkMag-std()
Standard Deviation value of body gyroscopic magnitude due to jerking motion