Code Book of project tidydata

Subject 1
  Serial number of volunteers
    1..30 .Unique identifier assigned to each person

Activity 1
  Activities performed by volunteers
    1 .WALKING
    2 .WALKING_UPSTAIRS
    3 .WALKING_DOWNSTAIRS
    4 .SITTING
    5 .STANDING
    6 .LAYING

MeantBodyAccelerationX
  Mean of time body acceleration of X-axial
    -1..1 numeric value of mean

MeantBodyAccelerationY
  Mean of time body acceleration of Y-axial
    -1..1 numeric value of mean

MeantBodyAccelerationZ
  Mean of time body acceleration of Z-axial
    -1..1 numeric value of mean

stdtBodyAccelerationX
  Standard deviation of time body acceleration of X-axial
    -1..1 numeric value of standard deviation

stdtBodyAccelerationY
  Standard deviation of time body acceleration of Y-axial
    -1..1 numeric value of standard deviation

stdtBodyAccelerationZ
  Standard deviation of time body acceleration of Z-axial
    -1..1 numeric value of standard deviation

meantGravityAccelerationX
  Mean of time gravity acceleration of X-axial
    -1..1 numeric value of mean

meantGravityAccelerationY

Mean of time gravity acceleration of Y-axial
-1..1 numeric value of mean

meantGravityAccelerationZ
Mean of time gravity acceleration of Z-axial
-1..1 numeric value of mean

stdtGravityAccelerationX
Standard deviation of time gravity acceleration of X-axial
-1..1 numeric value of standard deviation

stdtGravityAccelerationY
Standard deviation of time gravity acceleration of Y-axial
-1..1 numeric value of standard deviation

stdtGravityAccelerationZ
Standard deviation of time gravity acceleration of Z-axial
-1..1 numeric value of standard deviation

meantBodyAccelerationJerkX
Mean of time body acceleration jerk of X-axial
-1..1 numeric value of mean

meantBodyAccelerationJerkY
Mean of time body acceleration jerk of Y-axial
-1..1 numeric value of mean

meantBodyAccelerationJerkZ
Mean of time body acceleration jerk of Z-axial
-1..1 numeric value of mean

stdtBodyAccelerationJerkX
Standard deviation of time body acceleration jerk of X-axial
-1..1 numeric value of standard deviation

stdtBodyAccelerationJerkY
Standard deviation of time body acceleration jerk of Y-axial
-1..1 numeric value of standard deviation

stdtBodyAccelerationJerkZ
Standard deviation of time body acceleration jerk of Z-axial
-1..1 numeric value of standard deviation

MeantBodyGyroscopeoX

Mean of time body gyroscopeo of X-axial
-1..1 numeric value of mean

MeantBodyGyroscopeoY
Mean of time body gyroscopeo of Y-axial
-1..1 numeric value of mean

MeantBodyGyroscopeoZ
Mean of time body gyroscopeo of Z-axial
-1..1 numeric value of mean

stdtBodyGyroscopeoX
Standard deviation of time body gyroscopeo of X-axial
-1..1 numeric value of standard deviation

stdtBodyGyroscopeoY
Standard deviation of time body gyroscopeo of Y-axial
-1..1 numeric value of standard deviation

stdtBodyGyroscopeoZ
Standard deviation of time body gyroscopeo of Z-axial
-1..1 numeric value of standard deviation

MeantBodyGyroscopeoJerkX
Mean of time body gyroscopeo jerk of X-axial
-1..1 numeric value of mean

MeantBodyGyroscopeoJerkY
Mean of time body gyroscopeo jerk of Y-axial
-1..1 numeric value of mean

MeantBodyGyroscopeoJerkZ
Mean of time body gyroscopeo jerk of Z-axial
-1..1 numeric value of mean

stdtBodyGyroscopeoJerkX
Standard deviation of time body gyroscopeo jerk of X-axial
-1..1 numeric value of standard deviation

stdtBodyGyroscopeoJerkY
Standard deviation of time body gyroscopeo jerk of Y-axial
-1..1 numeric value of standard deviation

stdtBodyGyroscopeoJerkZ

Standard deviation of time body gyroscopeo jerk of Z-axial
-1..1 numeric value of standard deviation

meantBodyAccelerationMagnitude
Mean of time body acceleration magnitude
-1..1 numeric value of mean

stdtBodyAccelerationMagnitude
Standard deviation of time body acceleration magnitude
-1..1 numeric value of standard deviation

meantGravityAccelerationMagnitude
Mean of time gravity acceleration magnitude
-1..1 numeric value of mean

stdtGravityAccelerationMagnitude
Standard deviation of time gravity acceleration magnitude
-1..1 numeric value of standard deviation

meantBodyAccelerationJerkMagnitude
Mean of time body acceleration jerk magnitude
-1..1 numeric value of mean

stdtBodyAccelerationJerkMagnitude
Standard deviation of time body acceleration jerk magnitude
-1..1 numeric value of standard deviation

MeantBodyGyroscopeoMagnitude
Mean of time body gyroscopeo magnitude
-1..1 numeric value of mean

stdtBodyGyroscopeoMagnitude
Standard deviation of time body gyroscopeo magnitude
-1..1 numeric value of standard deviation

MeantBodyGyroscopeoJerkMagnitude
Mean of time body gyroscopeo jerk magnitude
-1..1 numeric value of mean

stdtBodyGyroscopeoJerkMagnitude
Standard deviation of time body gyroscopeo jerk magnitude
-1..1 numeric value of standard deviation

MeanfBodyAccelerationX

Mean of frequency body acceleration of X-axial
-1..1 numeric value of mean

MeanfBodyAccelerationY
Mean of frequency body acceleration of Y-axial
-1..1 numeric value of mean

MeanfBodyAccelerationZ
Mean of frequency body acceleration of Z-axial
-1..1 numeric value of mean

stdfBodyAccelerationX
Standard deviation of frequency body acceleration of X-axial
-1..1 numeric value of standard deviation

stdfBodyAccelerationY
Standard deviation of frequency body acceleration of Y-axial
-1..1 numeric value of standard deviation

stdfBodyAccelerationZ
Standard deviation of frequency body acceleration of Z-axial
-1..1 numeric value of standard deviation

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