**Data Dictionary**

Subject

.Integer Number indicating the person who performed the particular activity.

Activity

.char Name of the activity that the person was performing

tBodyAcc-mean()-X

.Double The mean value of the person’s body acceleration in the X direction

tBodyAcc-mean()-Y

.Double The mean value of the person’s body acceleration in the Y direction

tBodyAcc-mean()-Z

.Double The mean value of the person’s body acceleration in the Z direction

tBodyAcc-std()-X

.Double The mean value of the standard deviation of the person’s body acceleration in the X direction

tBodyAcc-std()-Y

.Double The mean value of the standard deviation of the person’s body acceleration in the Y direction

tBodyAcc-std()-Z

.Double The mean value of the standard deviation of the person’s body acceleration in the Z direction

tGravityAcc-mean()-X

.Double The mean value of the person’s gravitational acceleration in the X direction

tGravityAcc-mean()-Y

.Double The mean value of the person’s gravitational acceleration in the Y direction

tGravityAcc-mean()-Z

.Double The mean value of the person’s gravitational acceleration in the Z direction

tGravityAcc-std()-X

.Double The mean value of the standard deviation person’s gravitational acceleration in the Y direction

tGravityAcc-std()-Y

.Double The mean value of the standard deviation person’s gravitational acceleration in the Y direction

tGravityAcc-std()-Z

.Double The mean value of the standard deviation person’s gravitational acceleration in the Z direction

tBodyAccJerk-mean()-X

.Double The mean value of the standard deviation person’s body acceleration in the Z direction

tBodyAccJerk-mean()-Y

.Double The mean value the person’s body acceleration in the Y direction

tBodyAccJerk-mean()-Z

.Double The mean value the person’s body acceleration in the Z direction

tBodyAccJerk-std()-X

.Double The mean value the standard deviation of the person’s body acceleration in the Y direction

tBodyAccJerk-std()-Y

.Double The mean value the person’s body acceleration in the X direction

tBodyAccJerk-std()-Z

.Double The mean value the person’s body acceleration in the X direction

tBodyGyro-mean()-X

.Double The mean value the person’s body acceleration in the X direction

tBodyGyro-mean()-Y

.Double The mean value the person’s body acceleration in the X direction

tBodyGyro-mean()-Z

.Double The mean value the person’s body acceleration in the X direction

tBodyGyro-std()-X

.Double The mean value the person’s body acceleration in the X direction

tBodyGyro-std()-Y

.Double The mean value the person’s body acceleration in the X direction

tBodyGyro-std()-Z

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerk-mean()-X

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerk-mean()-Y

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerk-mean()-Z

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerk-std()-X

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerk-std()-Y

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerk-std()-Z

.Double The mean value the person’s body acceleration in the X direction

tBodyAccMag-mean()

.Double The mean value the person’s body acceleration in the X direction

tBodyAccMag-std()

.Double The mean value the person’s body acceleration in the X direction

tGravityAccMag-mean()

.Double The mean value the person’s body acceleration in the X direction

tGravityAccMag-std()

.Double The mean value the person’s body acceleration in the X direction

tBodyAccJerkMag-mean()

.Double The mean value the person’s body acceleration in the X direction

tBodyAccJerkMag-std()

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroMag-mean()

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroMag-std()

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerkMag-mean()

.Double The mean value the person’s body acceleration in the X direction

tBodyGyroJerkMag-std()

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-mean()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-mean()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-mean()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-std()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-std()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-std()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-meanFreq()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-meanFreq()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyAcc-meanFreq()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-mean()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-mean()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-mean()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-std()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-std()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-std()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-meanFreq()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-meanFreq()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyAccJerk-meanFreq()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-mean()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-mean()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-mean()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-std()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-std()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-std()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-meanFreq()-X

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-meanFreq()-Y

.Double The mean value the person’s body acceleration in the X direction

fBodyGyro-meanFreq()-Z

.Double The mean value the person’s body acceleration in the X direction

fBodyAccMag-mean()

.Double The mean value the person’s body acceleration in the X direction

fBodyAccMag-std()

.Double The mean value the person’s body acceleration in the X direction

fBodyAccMag-meanFreq()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyAccJerkMag-mean()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyAccJerkMag-std()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyAccJerkMag-meanFreq()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyGyroMag-mean()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyGyroMag-std()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyGyroMag-meanFreq()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyGyroJerkMag-mean()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyGyroJerkMag-std()

.Double The mean value the person’s body acceleration in the X direction

fBodyBodyGyroJerkMag-meanFreq()

.Double The mean value the person’s body acceleration in the X direction