

Code Book

Activity: 1

Activity type, one of six values

WALKING
WALKING_UPSTAIRS
WALKING_DOWNSTAIRS
SITTING
STANDING
LAYING

Subject: 2

Subject ID

number from 1-30

dataset: 82

Designation of whether subject was in test or train data set originally, two values

train
test

All other variables are means of variables from the UCI HAR Dataset, see the readme file for descriptions of how they were calculated. The value in a given row is the mean of all the values in the original dataset for the subject ID and activity in that row. They are all numbers ranging from -1 to 1, their names and position in the data set are printed below.

Name	Column
tBodyAcc.mean.X	3
tBodyAcc.mean.Y	4
tBodyAcc.mean.Z	5
tGravityAcc.mean.X	6
tGravityAcc.mean.Y	7
tGravityAcc.mean.Z	8
tBodyAccJerk.mean.X	9
tBodyAccJerk.mean.Y	10
tBodyAccJerk.mean.Z	11
tBodyGyro.mean.X	12
tBodyGyro.mean.Y	13
tBodyGyro.mean.Z	14
tBodyGyroJerk.mean.X	15
tBodyGyroJerk.mean.Y	16
tBodyGyroJerk.mean.Z	17
tBodyAccMag.mean	18
tGravityAccMag.mean	19
tBodyAccJerkMag.mean	20
tBodyGyroMag.mean	21
tBodyGyroJerkMag.mean	22
fBodyAcc.mean.X	23
fBodyAcc.mean.Y	24
fBodyAcc.mean.Z	25
fBodyAcc.meanFreq.X	26
fBodyAcc.meanFreq.Y	27
fBodyAcc.meanFreq.Z	28
fBodyAccJerk.mean.X	29
fBodyAccJerk.mean.Y	30

Name	Column
fBodyAccJerk.mean.Z	31
fBodyAccJerk.meanFreq.X	32
fBodyAccJerk.meanFreq.Y	33
fBodyAccJerk.meanFreq.Z	34
fBodyGyro.mean.X	35
fBodyGyro.mean.Y	36
fBodyGyro.mean.Z	37
fBodyGyro.meanFreq.X	38
fBodyGyro.meanFreq.Y	39
fBodyGyro.meanFreq.Z	40
fBodyAccMag.mean	41
fBodyAccMag.meanFreq	42
fBodyBodyAccJerkMag.mean	43
fBodyBodyAccJerkMag.meanFreq	44
fBodyBodyGyroMag.mean	45
fBodyBodyGyroMag.meanFreq	46
fBodyBodyGyroJerkMag.mean	47
fBodyBodyGyroJerkMag.meanFreq	48
tBodyAcc.std.X	49
tBodyAcc.std.Y	50
tBodyAcc.std.Z	51
tGravityAcc.std.X	52
tGravityAcc.std.Y	53
tGravityAcc.std.Z	54
tBodyAccJerk.std.X	55
tBodyAccJerk.std.Y	56
tBodyAccJerk.std.Z	57
tBodyGyro.std.X	58
tBodyGyro.std.Y	59
tBodyGyro.std.Z	60
tBodyGyroJerk.std.X	61
tBodyGyroJerk.std.Y	62
tBodyGyroJerk.std.Z	63
tBodyAccMag.std	64
tGravityAccMag.std	65
tBodyAccJerkMag.std	66
tBodyGyroMag.std	67
tBodyGyroJerkMag.std	68
fBodyAcc.std.X	69
fBodyAcc.std.Y	70
fBodyAcc.std.Z	71
fBodyAccJerk.std.X	72
fBodyAccJerk.std.Y	73
fBodyAccJerk.std.Z	74
fBodyGyro.std.X	75
fBodyGyro.std.Y	76
fBodyGyro.std.Z	77
fBodyAccMag.std	78
fBodyBodyAccJerkMag.std	79
fBodyBodyGyroMag.std	80
fBodyBodyGyroJerkMag.std	81