

Getting and Cleaning Data Course Project - Codebook

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label

The different activities a user can do that can be spotted by the device

- 1 .WALKING
- 2 .WALKING_UPSTAIRS
- 3 .WALKING_DOWNSTAIRS
- 4 .SITTING
- 5 .STANDING
- 6 .LAYING

tBodyAcc.mean...X

The averages of tBodyAcc X mean grouped by activity
- Numeric value between -1 and 1

tBodyAcc.mean...Y

The averages of tBodyAcc Y mean grouped by activity
- Numeric value between -1 and 1

tBodyAcc.mean...Z

The averages of tBodyAcc Z mean grouped by activity
- Numeric value between -1 and 1

tBodyAcc.std...X

The averages of tBodyAcc X std grouped by activity
- Numeric value between -1 and 1

tBodyAcc.std...Y

The averages of tBodyAcc Y std grouped by activity
- Numeric value between -1 and 1

tBodyAcc.std...Z

The averages of tBodyAcc Z std grouped by activity
- Numeric value between -1 and 1

tGravityAcc.mean...X

The averages of tGravityAcc X mean grouped by activity
- Numeric value between -1 and 1

tGravityAcc.mean...Y

The averages of tGravityAcc Y mean grouped by activity
- Numeric value between -1 and 1

tGravityAcc.mean...Z

The averages of tGravityAcc Z mean grouped by activity
- Numeric value between -1 and 1

tGravityAcc.std...X

The averages of tGravityAcc X std grouped by activity
- Numeric value between -1 and 1

tGravityAcc.std...Y

The averages of tGravityAcc Y std grouped by activity
- Numeric value between -1 and 1

tGravityAcc.std...Z

The averages of tGravityAcc Z std grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerk.mean...X
 The averages of tBodyAccJerk X mean grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerk.mean...Y
 The averages of tBodyAccJerk Y mean grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerk.mean...Z
 The averages of tBodyAccJerk Z mean grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerk.std...X
 The averages of tBodyAccJerk X std grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerk.std...Y
 The averages of tBodyAccJerk Y std grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerk.std...Z
 The averages of tBodyAccJerk Z std grouped by activity
 - Numeric value between -1 and 1
 tBodyGyro.mean...X
 The averages of tBodyGyro X mean grouped by activity
 - Numeric value between -1 and 1
 tBodyGyro.mean...Y
 The averages of tBodyGyro Y mean grouped by activity
 - Numeric value between -1 and 1
 tBodyGyro.mean...Z
 The averages of tBodyGyro Z mean grouped by activity
 - Numeric value between -1 and 1
 tBodyGyro.std...X
 The averages of tBodyGyro X std grouped by activity
 - Numeric value between -1 and 1
 tBodyGyro.std...Y
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 - Numeric value between -1 and 1
 tBodyGyro.std...Z
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 - Numeric value between -1 and 1
 tBodyGyroJerk.mean...X
 The averages of tBodyGyroJerk X mean grouped by activity
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 tBodyGyroJerk.mean...Y
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 tBodyGyroJerk.std...Y
 The averages of tBodyGyroJerk Y std grouped by activity
 - Numeric value between -1 and 1
 tBodyGyroJerk.std...Z

The averages of tBodyGyroJerk Z std grouped by activity
 - Numeric value between -1 and 1
 tBodyAccMag.mean..
 The averages of tBodyAccMag mean grouped by activity
 - Numeric value between -1 and 1
 tBodyAccMag.std..
 The averages of tBodyAccMag std grouped by activity
 - Numeric value between -1 and 1
 tGravityAccMag.mean..
 The averages of tGravityAccMag mean grouped by activity
 - Numeric value between -1 and 1
 tGravityAccMag.std..
 The averages of tGravityAccMag std grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerkMag.mean..
 The averages of tBodyAccJerkMag mean grouped by activity
 - Numeric value between -1 and 1
 tBodyAccJerkMag.std..
 The averages of tBodyAccJerkMag std grouped by activity
 - Numeric value between -1 and 1
 tBodyGyroMag.mean..
 The averages of tBodyGyroMag mean grouped by activity
 - Numeric value between -1 and 1
 tBodyGyroMag.std..
 The averages of tBodyGyroMag std grouped by activity
 - Numeric value between -1 and 1
 tBodyGyroJerkMag.mean..
 The averages of tBodyGyroJerkMag mean grouped by activity
 - Numeric value between -1 and 1
 tBodyGyroJerkMag.std..
 The averages of tBodyGyroJerkMag std grouped by activity
 - Numeric value between -1 and 1
 fBodyAcc.mean...X
 The averages of fBodyAcc X mean grouped by activity
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 fBodyAcc.mean...Y
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 fBodyAcc.mean...Z
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 fBodyAcc.std...Y
 The averages of fBodyAcc Y std grouped by activity
 - Numeric value between -1 and 1
 fBodyAcc.std...Z
 The averages of fBodyAcc Z std grouped by activity
 - Numeric value between -1 and 1
 fBodyAcc.meanFreq...X
 The averages of fBodyAcc X meanFreq grouped by activity
 - Numeric value between -1 and 1
 fBodyAcc.meanFreq...Y

The averages of fBodyAcc Y meanFreq grouped by activity
 - Numeric value between -1 and 1
 fBodyAcc.meanFreq...Z
 The averages of fBodyAcc Z meanFreq grouped by activity
 - Numeric value between -1 and 1
 fBodyAccJerk.mean...X
 The averages of fBodyAccJerk X mean grouped by activity
 - Numeric value between -1 and 1
 fBodyAccJerk.mean...Y
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 fBodyAccJerk.mean...Z
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 fBodyAccJerk.std...X
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 fBodyAccJerk.meanFreq...Z
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 fBodyGyro.mean...X
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 fBodyAccMag.mean..
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 fBodyAccMag.std..
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 - Numeric value between -1 and 1
 fBodyAccMag.meanFreq..
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 - Numeric value between -1 and 1
 fBodyBodyAccJerkMag.mean..
 The averages of fBodyBodyAccJerkMag mean grouped by activity
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 fBodyBodyAccJerkMag.std..
 The averages of fBodyBodyAccJerkMag std grouped by activity
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 fBodyBodyAccJerkMag.meanFreq..
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 fBodyBodyGyroMag.mean..
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 fBodyBodyGyroMag.std..
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 fBodyBodyGyroMag.meanFreq..
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 fBodyBodyGyroJerkMag.mean..
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