

## DATA DICTIONARY - 2015 data.txt

### ID

ID of activity labels

1, 2 ... 6

### ACTIVITY

Descriptions of activities

1 WALKING

2 WALKING\_UPSTAIRS

3 WALKING\_DOWNSTAIRS

4 SITTING

5 STANDING

6 LAYING

### FEATURE SELECTION

The measurements on the mean and standard deviation for features from the accelerometer and gyroscope 3-axial raw signals tAcc-XYZ and tGyro-XYZ.

Levels of column

01 tBodyAccstdX

02 tBodyAccstdY

03 tBodyAccstdZ

04 tGravityAccstdX

05 tGravityAccstdY

06 tGravityAccstdZ

07 tBodyAccJerkstdX

08 tBodyAccJerkstdY

09 tBodyAccJerkstdZ

10 tBodyGyrostdX

11 tBodyGyrostdY

12 tBodyGyrostdZ

13 tBodyGyroJerkstdX

14 tBodyGyroJerkstdY

15 tBodyGyroJerkstdZ

16 tBodyAccMagstd

17 tGravityAccMagstd

18 tBodyAccJerkMagstd  
19 tBodyGyroMagstd  
20 tBodyGyroJerkMagstd  
21 fBodyAccstdX  
22 fBodyAccstdY  
23 fBodyAccstdZ  
24 fBodyAccJerkstdX  
25 fBodyAccJerkstdY  
26 fBodyAccJerkstdZ  
27 fBodyGyrostdX  
28 fBodyGyrostdY  
29 fBodyGyrostdZ  
30 fBodyAccMagstd  
31 fBodyBodyAccJerkMagstd  
32 fBodyBodyGyroMagstd  
33 fBodyBodyGyroJerkMagstd  
34 tBodyAccmeanX  
35 tBodyAccmeanY  
36 tBodyAccmeanZ  
37 tGravityAccmeanX  
38 tGravityAccmeanY  
39 tGravityAccmeanZ  
40 tBodyAccJerkmeanX  
41 tBodyAccJerkmeanY  
42 tBodyAccJerkmeanZ  
43 tBodyGyromeanX  
44 tBodyGyromeanY  
45 tBodyGyromeanZ  
46 tBodyGyroJerkmeanX  
47 tBodyGyroJerkmeanY  
48 tBodyGyroJerkmeanZ  
49 tBodyAccMagmean  
50 tGravityAccMagmean  
51 tBodyAccJerkMagmean  
52 tBodyGyroMagmean  
53 tBodyGyroJerkMagmean  
54 fBodyAccmeanX

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55 fBodyAccmeanY
56 fBodyAccmeanZ
57 fBodyAccJerkmeanX
59 fBodyAccJerkmeanY
60 fBodyAccJerkmeanZ
61 fBodyGyromeanX
62 fBodyGyromeanY
63 fBodyGyromeanZ
64 fBodyAccMagmean
65 fBodyBodyAccJerkMagmean
66 fBodyBodyGyroMagmean
67 fBodyBodyGyroJerkMagmean
```

The content of 'data.txt' is a tidy data set with the average of each variable for each activity and each subject from the experiments have been carried out with a group of 30 volunteers within an age bracket of 19-48 years, described in this [link](#).

The 'data.txt' file was created by script 'run\_analysis.R' is developed for peer assessments of course project in Getting and Cleaning Data of Data Science Specialization.