

Getting and Cleaning Data Assignment Code Book

Column

1	1	Subject	Subject Number	1-30 Subject Number
2	7-20	Activity	Type of Physical Activity	1 Walking 2 Walking Upstairs 3 Walking Downstairs 4 Sitting 5 Standing 6 Laying
3	17	tBodyAcc.mean...X	time body acceleration mean x-axis mean for subject & activity	0.22 - .31
4	17	tBodyAcc.mean...Y	time body acceleration mean y-axis mean for subject & activity	(-0.05) - 0.0
5	17	tBodyAcc.mean...Z	time body acceleration mean z-axis mean for subject & activity	(-0.16) - (-0.07)
6	17	tBodyAcc.std...X	time body acceleration standard Deviation x-axis mean for subject & activity	(-1.0) - 0.63
7	17	tBodyAcc.std...Y	time body acceleration standard Deviation y-axis for subject & activity	(-1.0) - 0.62
8	17	tBodyAcc.std...Z	time body acceleration standard Deviation z-axis for subject & activity	(-1.0) - 0.61

9	17	tGravityAcc.mean...X	time gravity acceleration mean x-axis for subject & activity	(-0.68) - 0.98
10	17	tGravityAcc.mean...Y	time gravity acceleration mean y-axis for subject & activity	(-0.48) - 0.96
11	17	tGravityAcc.mean...Z	time gravity acceleration mean z-axis for subject & activity	(-0.46) - 0.96
12	17	tGravityAcc.std...X	time gravity acceleration standard Deviation x-axis for subject & activity	(-1.0) - (-0.82)
13	17	tGravityAcc.std...Y	time gravity acceleration standard Deviation y-axis for subject & activity	(-1.0) - (-0.64)
14	17	tGravityAcc.std...Z	time gravity acceleration standard Deviation z-axis for subject & activity	(-1.0) - (-0.61)
15	17	tBodyAccJerk.mean...X	time body acceleration jerk mean x-axis for subject & activity	0.04 – 0.14
16	17	tBodyAccJerk.mean...Y	time body acceleration jerk mean y-axis for subject & activity	(-0.04) - 0.14
17	17	tBodyAccJerk.mean...Z	time body acceleration jerk mean z-axis for subject & activity	(-0.07) - 0.04
18	17	tBodyAccJerk.std...X	time body acceleration jerk standard Deviation x-axis for subject & activity	(-1.0) - 0.55
19	17	tBodyAccJerk.std...Y	time body acceleration jerk standard Deviation y-axis for subject & activity	(-1.0) - 0.36
20	17	tBodyAccJerk.std...Z	time body acceleration jerk standard Deviation z-axis for subject & activity	(-1.0) - 0.04
21	17	tBodyGyro.mean...X	time body gyro mean x-axis for subject & activity	(-0.21) - 0.20

22	17	tBodyGyro.mean...Y	time body gyro mean y-axis for subject & activity	(-0.21) - 0.03
23	17	tBodyGyro.mean...Z	time body gyro mean z-axis for subject & activity	(-0.08) - 0.18
24	17	tBodyGyro.std...X	time body gyro standard Deviation x-axis for subject & activity	(-1.0) - 0.27
25	17	tBodyGyro.std...Y	time body gyro standard Deviation y-axis for subject & activity	(-1.0) - 0.48
26	17	tBodyGyro.std...Z	time body gyro standard Deviation z-axis for subject & activity	(-1.0) - 0.57
27	17	tBodyGyroJerk.mean...X	time body gyro jerk mean x-axis for subject & activity	(-0.16) - 0.21
28	17	tBodyGyroJerk.mean...Y	time body gyro jerk mean y-axis for subject & activity	(-0.08) - (-0.01)
29	17	tBodyGyroJerk.mean...Z	time body gyro jerk mean z-axis for subject & activity	(-0.10) - 0.00
30	17	tBodyGyroJerk.std..X	time body gyro jerk standard Deviation x-axis for subject & activity	(-1.0) - 0.18
31	17	tBodyGyroJerk.std..Y	time body gyro jerk standard Deviation y-axis for subject & activity	(-1.0) - 0.30
32	17	tBodyGyroJerk.std..Z	time body gyro jerk standard Deviation z-axis for subject & activity	(-1.0) - 0.20
33	17	tBodyAccMag.mean..	time body acceleration mag mean for subject & activity	(-1.0) - 0.65
34	17	tBodyAccMag.std..	time body acceleration mag standard deviation for subject & activity	(-1.0) - 0.43
35	17	tGravityAccMag.mean..	time gravity acceleration mag mean for subject & activity	(-1.0) - 0.65

36	17	tGravityAccMag.std..	time gravity acceleration mag standard deviation for subject & activity	(-1.0) - 0.43
37	17	tBodyAccJerkMag.mean..	time body acceleration jerk mag mean for subject & activity	(-1.0) - 0.43
38	17	tBodyAccJerkMag.std..	time body acceleration jerk mag standard deviation for subject & activity	(-1.0) - 0.46
39	17	tBodyGyroJerkMag.mean..	time body gyro jerk mag mean for subject & activity	(-1.0) - 0.42
40	17	tBodyGyroJerkMag.std..	time body acceleration jerk mag standard deviation for subject & activity	(-1.0) - 0.30
41	17	fBodyAcc.mean...X	frequency body acceleration mean x-axis mean for subject & activity	(-1.0) - 0.09
42	17	fBodyAcc.mean...Y	frequency body acceleration mean y-axis mean for subject & activity	(-1.0) - 0.25
43	17	fBodyAcc.mean...Z	frequency body acceleration mean z-axis mean for subject & activity	(-1.0) - 0.54
44	17	fBodyAcc.std...X	frequency body acceleration standard Deviation x-axis mean for subject & activity	(-1.0) - 0.53
45	17	fBodyAcc.std...Y	frequency body acceleration standard Deviation y-axis for subject & activity	(-1.0) - 0.29
46	17	fBodyAcc.std...Z	frequency body acceleration standard Deviation z-axis for subject & activity	(-1.0) - 0.66
47	17	fBodyAccJerk.mean...X	frequency body acceleration jerk mean x-axis for subject & activity	(-1.0) - 0.57

48	17	fBodyAccJerk.mean...Y	frequency body acceleration jerk mean y-axis for subject & activity	(-1.0) - 0.69
49	17	fBodyAccJerk.mean...Z	frequency body acceleration jerk mean z-axis for subject & activity	(-1.0) - 0.48
50	17	fBodyAccJerk.std...X	frequency body acceleration jerk standard Deviation x-axis for subject & activity	(-1.0) - 0.28
51	17	fBodyAccJerk.std...Y	frequency body acceleration jerk standard Deviation y-axis for subject & activity	(-1.0) - 0.16
52	17	fBodyAccJerk.std...Z	frequency body acceleration jerk standard Deviation z-axis for subject & activity	(-1.0) - 0.48
53	17	fBodyGyro.mean...X	frequency body gyro mean x-axis for subject & activity	(-1.0) - 0.35
54	17	fBodyGyro.mean...Y	frequency body gyro mean y-axis for subject & activity	(-1.0) - 0.0
55	17	fBodyGyro.mean...Z	frequency body gyro mean z-axis for subject & activity	(-1.0) - 0.48
56	17	fBodyGyro.std...X	frequency body gyro standard Deviation x-axis for subject & activity	(-1.0) - 0.33
57	17	fBodyGyro.std...Y	frequency body gyro standard Deviation y-axis for subject & activity	(-1.0) - 0..50
58	17	fBodyGyro.std...Z	frequency body gyro standard Deviation z-axis for subject & activity	(-1.0) - 0.20
59	17	fBodyAccMag.mean..	frequency body acceleration mag mean for subject & activity	(-1.0) - 0.65
60	17	fBodyAccMag.std..	frequency body acceleration mag standard deviation for subject & activity	(-1.0) - 0.53
61	17	fGravityAccMag.mean..	time gravity acceleration mag mean for subject & activity	(-1.0) - 0.59

62	17	fGravityAccMag.std..	frequency gravity acceleration mag standard deviation for subject & activity	(-1.0) - 0.18
63	17	fBodyAccJerkMag.mean..	frequency body acceleration jerk mag mean for subject & activity	(-1.0) - 0.54
64	17	fBodyAccJerkMag.std..	frequency body acceleration jerk mag standard deviation for subject & activity	(-1.0) - 0.32
65	17	fBodyGyroJerkMag.mean..	frequency body gyro jerk mag mean for subject & activity	(-1.0) - 0.21
66	17	fBodyGyroJerkMag.std..	frequency body acceleration jerk mag standard deviation for subject & activity	(-1.0) - 0.24