Code Book (Data Dictionary)
For
Getting and Cleaning Data Set

List of Variables

The following variables are included in the text file.

#	Variables	Additional Details
1	Activities	Values in Activities includes the following 1 WALKING 2 WALKING_UPSTAIRS 3 WALKING_DOWNSTAIRS 4 SITTING 5 STANDING 6 LAYING
2	Subjects	List of 30 subject's part of the trial.
3	Row from Training or Testing Data Set	This attribute identifies if the row in the data set is from Training data set or Testing data set. Values includes 1. Training 2. Testing
4	Mean Time to obtain Body accelerometer Signal - Y	
5	Mean Time to obtain Body accelerometer Signal - Z	
6	Standard Deviation of the Time to obtain Body Accelerometer signal- X	
7	Standard Deviation of the Time to obtain Body Accelerometer signal- Y	
8	Standard Deviation of the Time to obtain Body Accelerometer signal- Z	
9	Mean time to obtain Gravity accelerometer signal -X	
10	Mean time to obtain Gravity accelerometer signal -Y	
11	Mean time to obtain Gravity accelerometer signal -Z	
12	Standard Deviation of Time to obtain Gravity Accelerometer Signal - X	
13	Standard Deviation of Time to obtain Gravity Accelerometer Signal - Y	
14	Standard Deviation of Time to obtain Gravity Accelerometer Signal - Z	
15	Mean of Time to Obtain Body Jerk Accelerometer signal - X	
16	Mean of Time to Obtain Body Jerk Accelerometer signal - Y	
17	Mean of Time to Obtain Body Jerk Accelerometer signal - Z	
18	Standard Deviation of Time to Obtain Body Jerk Accelerometer signal - X	
19	Standard Deviation of Time to Obtain Body Jerk Accelerometer signal - Y	

20	Standard Deviation of Time to Obtain Body Jerk Accelerometer signal - Z	
21	Mean of Time to obtain Body Gyro signal - X	
22	Mean of Time to obtain Body Gyro signal - Y	
23	Mean of Time to obtain Body Gyro signal - Z	
24	Standard Deviation of Time to obtain Body Gyro signal - X	
25	Standard Deviation of Time to obtain Body Gyro signal - Y	
26	Standard Deviation of Time to obtain Body Gyro signal - Z	
27	Mean of Time to Obtain Body Gyro Jerk of signal - X	
28	Mean of Time to Obtain Body Gyro Jerk of signal - Y	
29	Mean of Time to Obtain Body Gyro Jerk of signal - Z	
30	Standard Deviation of Time to Obtain Body Gyro Jerk of signal - X	
31	Standard Deviation of Time to Obtain Body Gyro Jerk of signal - Y	
32	Standard Deviation of Time to Obtain Body Gyro Jerk of signal - Z	
33	Mean of Body Accelerometer Magnitude 3D signals	
34	Standard Deviation of Body Accelerometer Magnitude 3D signals	
35	Mean of Gravity Accelerometer Magnitude signals	
36	Standard Deviation of Gravity Accelerometer Magnitude signals	
37	Mean of Body Accelerometer Jerk Magnitude 3D signals	
38	Standard Deviation of Body Accelerometer Jerk Magnitude 3D signals	
39	Mean of Body Gyro Magnitude 3D signals	
40	Standard Deviation of Body Gyro Magnitude 3D signals	
41	Mean of Body Gyro Jerk Magnitude 3D signals	
42	Standard Deviation of Body Gyro Jerk Magnitude 3D signals	
43	Mean of Frequency Domain Body Accelerometer Signal - X	
44	Mean of Frequency Domain Body Accelerometer Signal - Y	
45	Mean of Frequency Domain Body Accelerometer Signal - Z	
46	Standard Deviation of Frequency Domain Body Accelerometer Signal - X	
47	Standard Deviation of Frequency Domain Body Accelerometer Signal - Y	
48	Standard Deviation of Frequency Domain Body Accelerometer Signal - Z	
49	Mean of Frequency Body Accelerometer Jerk Signal - X	
50	Mean of Frequency Body Accelerometer Jerk Signal - Y	
51	Mean of Frequency Body Accelerometer Jerk Signal - Z	
52	Standard Deviation of Frequency Body Accelerometer Jerk Signal - X	

53	Standard Deviation of Frequency Body Accelerometer Jerk Signal - Y	
54	Standard Deviation of Frequency Body Accelerometer Jerk Signal - Z	
55	Mean of Frequency Body Gyro Signal - X	
56	Mean of Frequency Body Gyro Signal - Y	
57	Mean of Frequency Body Gyro Signal - Z	
58	Standard Deviation of Frequency Body Gyro Signal - X	
59	Standard Deviation of Frequency Body Gyro Signal - Y	
60	Standard Deviation of Frequency Body Gyro Signal - Z	
61	Mean of Frequency Body Accelerometer Magnitude 3D signals	
62	Standard Deviation of Frequency Body Accelerometer Magnitude 3D signals	
63	Mean of Frequency Body Accelerometer Jerk Magnitude 3D signals	
64	Standard Deviation of Frequency Body Accelerometer Jerk Magnitude 3D signals	
65	Mean of Frequency Body Gyro Magnitude 3D signals	
66	Standard Deviation of Frequency Body Gyro Magnitude 3D signals	
67	Mean of Frequency Body Gyro Jerk Magnitude 3D signals	
68	Standard Deviation of Frequency Body Gyro Jerk Magnitude 3D signals	