Code Book

S No	Variable	Explanation	Type	Transformation
1	X	Row Number	int	None
2	subject	Participant in the Study	int	None
3	activity	Nature of Activity.e.g. Walking,etc	factor	None
4	tBodyAccm	Mean time domain body signals from Accelerometer along X Axis	numeric	Mean by subject and activity
5	tBodyAccm	Mean time domain body signals from Accelerometer along Y Axis	numeric	Mean by subject and activity
6	tBodyAccm	Mean time domain body signals from Accelerometer along Z Axis	numeric	Mean by subject and activity
7	tGravityAc	Mean time domain gravity signals from Accelerometer along X Axis	numeric	Mean by subject and activity
8	tGravityAc	Mean time domain gravity signals from Accelerometer along YAxis	numeric	Mean by subject and activity
9	tGravityAc	Mean time domain gravity signals from Accelerometer along Z Axis	numeric	Mean by subject and activity
10	tBodyAccJe	Mean time domain body linear acceleration signals from Accelerometer along X Axis	numeric	Mean by subject and activity
11	tBodyAccJe	Mean time domain body linear acceleration signals from Accelerometer along Y Axis	numeric	Mean by subject and activity
12	tBodyAccJe	Mean time domain body linear acceleration signals from Accelerometer along Z Axis	numeric	Mean by subject and activity
13	tBodyGyro	Mean time domain body signals from Gyrometer along X Axis	numeric	Mean by subject and activity
14	tBodyGyro	Mean time domain body signals from Gyrometer along Y Axis	numeric	Mean by subject and activity
15	tBodyGyro	Mean time domain body signals from Gyrometer along Z Axis	numeric	Mean by subject and activity
16	tBodyGyro	Mean time domain body linear acceleration signals from Gyrometer along X Axis	numeric	Mean by subject and activity
17	tBodyGyro	Mean time domain body linear acceleration signals from Gyrometer along Y Axis	numeric	Mean by subject and activity
18	tBodyGyro	Mean time domain body linear acceleration signals from Gyrometer along Z Axis	numeric	Mean by subject and activity
19	tBodyAccM	Mag Mean time domain body signals from Accelerometer	numeric	Mean by subject and activity
20	tGravityAc	Mag Mean time domain gravity signals from Accelerometer	numeric	Mean by subject and activity
21	tBodyAccJe	Mag Mean time body linear signals from Accelerometer	numeric	Mean by subject and activity
22	tBodyGyro	Mag Mean time domain body signals from Gyromter	numeric	Mean by subject and activity
23	tBodyGyro	Mag Mean time body linear signals from Gyrometer	numeric	Mean by subject and activity
24	fBodyAccm	Mean frequency domain body signals from Accelerometer along X Axis	numeric	Mean by subject and activity
25	fBodyAccm	Mean frequency domain body signals from Accelerometer along Y Axis	numeric	Mean by subject and activity
26	fBodyAccm	Mean frequency domain body signals from Accelerometer along Z Axis	numeric	Mean by subject and activity
27	fBodyAccm	Mean frequency domain gravity signals from Accelerometer along X Axis	numeric	Mean by subject and activity
28	fBodyAccm	Mean frequency domain gravity signals from Accelerometer along YAxis	numeric	Mean by subject and activity
29	fBodyAccm	Mean frequency domain gravity signals from Accelerometer along Z Axis	numeric	Mean by subject and activity
30	fBodyAccJe	Mean frequency domain body linear acceleration signals from Accelerometer along X Axis	numeric	Mean by subject and activity

31	fBodyAccJe	Mean frequency domain body linear acceleration signals from Accelerometer along Y Axis	numeric	Mean by subject and activity
32	fBodyAccJe	Mean frequency domain body linear acceleration signals from Accelerometer along Z Axis	numeric	Mean by subject and activity
33	fBodyAccJe	Mean frequency domain body linear acceleration signals frequency from Accelerometer alo	numeric	Mean by subject and activity
34	fBodyAccJe	Mean frequency domain body linear acceleration signals frequency from Accelerometer alo	numeric	Mean by subject and activity
35	fBodyAccJe	Mean frequency domain body linear acceleration signals frequency from Accelerometer alo	numeric	Mean by subject and activity
36	fBodyGyro	Mean frequency domain body signals from Gyrometer along X Axis	numeric	Mean by subject and activity
37	fBodyGyro	Mean frequency domain body signals from Gyrometer along Y Axis	numeric	Mean by subject and activity
38	fBodyGyro	Mean frequency domain body signals from gyrometer along Z Axis	numeric	Mean by subject and activity
39	fBodyGyro	…..	numeric	Mean by subject and activity
40	fBodyGyromeanFreqY		numeric	Mean by subject and activity
41	fBodyGyromeanFreqZ		numeric	Mean by subject and activity
42	fBodyAccMagmean		numeric	Mean by subject and activity
43	fBodyAccMagmeanFreq		numeric	Mean by subject and activity
44	fBodyBodyAccJerkMagmean		numeric	Mean by subject and activity
45	fBodyBodyAccJerkMagmeanFreq		numeric	Mean by subject and activity
46	fBodyBodyGyroMagmean		numeric	Mean by subject and activity
47	fBodyBodyGyroMagmeanFreq		numeric	Mean by subject and activity
48	fBodyBodyGyroJerkMagmean		numeric	Mean by subject and activity
49	fBodyBodyGyroJerkMagmeanFreq		numeric	Mean by subject and activity
50	angletBodyAccMean.gravity		numeric	Mean by subject and activity
51	angletBodyAccJerkMean.gravityMean		numeric	Mean by subject and activity
52	angletBodyGyroMean.gravityMean		numeric	Mean by subject and activity
53	angletBodyGyroJerkMean.gravityMean		numeric	Mean by subject and activity
54	angleX.gravityMean		numeric	Mean by subject and activity
55	angleY.gravityMean		numeric	Mean by subject and activity
56	angleZ.gravityMean		numeric	Mean by subject and activity
57	tBodyAccstdX		numeric	Mean by subject and activity
58	tBodyAccstdY		numeric	Mean by subject and activity
59	tBodyAccstdZ		numeric	Mean by subject and activity
60	tGravityAccstdX		numeric	Mean by subject and activity
61	tGravityAccstdY		numeric	Mean by subject and activity
62	tGravityAccstdZ		numeric	Mean by subject and activity
63	tBodyAccJerkstdX		numeric	Mean by subject and activity

64	tBodyAccJerkstdY	numeric	Mean by subject and activity
65	tBodyAccJerkstdZ	numeric	Mean by subject and activity
66	tBodyGyrostdX	numeric	Mean by subject and activity
67	tBodyGyrostdY	numeric	Mean by subject and activity
68	tBodyGyrostdZ	numeric	Mean by subject and activity
69	tBodyGyroJerkstdX	numeric	Mean by subject and activity
70	tBodyGyroJerkstdY	numeric	Mean by subject and activity
71	tBodyGyroJerkstdZ	numeric	Mean by subject and activity
72	tBodyAccMagstd	numeric	Mean by subject and activity
73	tGravityAccMagstd	numeric	Mean by subject and activity
74	tBodyAccJerkMagstd	numeric	Mean by subject and activity
75	tBodyGyroMagstd	numeric	Mean by subject and activity
76	tBodyGyroJerkMagstd	numeric	Mean by subject and activity
77	fBodyAccstdX	numeric	Mean by subject and activity
78	fBodyAccstdY	numeric	Mean by subject and activity
79	fBodyAccstdZ	numeric	Mean by subject and activity
80	fBodyAccJerkstdX	numeric	Mean by subject and activity
81	fBodyAccJerkstdY	numeric	Mean by subject and activity
82	fBodyAccJerkstdZ	numeric	Mean by subject and activity
83	fBodyGyrostdX	numeric	Mean by subject and activity
84	fBodyGyrostdY	numeric	Mean by subject and activity
85	fBodyGyrostdZ	numeric	Mean by subject and activity
86	fBodyAccMagstd	numeric	Mean by subject and activity
87	fBodyBodyAccJerkMagstd	numeric	Mean by subject and activity
88	fBodyBodyGyroMagstd	numeric	Mean by subject and activity
89	fBodyBodyGyroJerkMagstd	numeric	Mean by subject and activity