Codebook for tidydatamean.csv

No.	Column Name	Description	Value
1	SUBJECT.ID	To identify subject who performed the activity for each observations/rows	• Type: Integer • Value: 1 to 30
2	ACTIVITY.NAME	Describe activity carried out by subject for every observations	• Type: Factor w/ 6 levels • Value: 1 .WALKING 2 .WALKING_UPSTAIRS 3 .WALKING_DOWNSTAIRS 4 .SITTING 5 .STANDING 6 .LAYING
3	TIME.BODYACC.MEAN.X	Mean of time domain for body acceleration signal in X direction	• Type: Numeric • Value: -1 to 1
4	TIME.BODYACC.MEAN.Y	Mean of time domain for body acceleration signal in Y direction	• Type: Numeric • Value: -1 to 1
5	TIME.BODYACC.MEAN.Z	Mean of time domain for body acceleration signal in Z direction	• Type: Numeric • Value: -1 to 1
6	TIME.BODYACC.STD.X	Standard deviation of time domain for body acceleration signal in X direction	• Type: Numeric • Value: -1 to 1
7	TIME.BODYACC.STD.Y	Standard deviation of time domain for body acceleration signal in Y direction	• Type: Numeric • Value: -1 to 1
8	TIME.BODYACC.STD.Z	Standard deviation of time domain for body acceleration signal in Z direction	• Type: Numeric • Value: -1 to 1
9	TIME.GRAVITYACC.MEAN.X	Mean of time domain for gravity acceleration signal in X direction	• Type: Numeric • Value: -1 to 1
10	TIME.GRAVITYACC.MEAN.Y	Mean of time domain for gravity acceleration signal in Y direction	• Type: Numeric • Value: -1 to 1
11	TIME.GRAVITYACC.MEAN.Z	Mean of time domain for gravity acceleration signal in Z direction	• Type: Numeric • Value: -1 to 1
12	TIME.GRAVITYACC.STD.X	Standard deviation of time domain for gravity acceleration signal in X direction	• Type: Numeric • Value: -1 to 1
13	TIME.GRAVITYACC.STD.Y	Standard deviation of time domain for gravity acceleration signal in Y direction	• Type: Numeric • Value: -1 to 1
14	TIME.GRAVITYACC.STD.Z	Standard deviation of time domain for gravity acceleration signal in Z direction	• Type: Numeric • Value: -1 to 1
15	TIME.BODYACCJERK.MEAN.X	Mean of time domain for body acceleration jerk signal in X direction	• Type: Numeric • Value: -1 to 1
16	TIME.BODYACCJERK.MEAN.Y	Mean of time domain for body acceleration jerk signal in Y direction	• Type: Numeric • Value: -1 to 1
17	TIME.BODYACCJERK.MEAN.Z	Mean of time domain for body acceleration jerk signal in Z direction	• Type: Numeric • Value: -1 to 1
18	TIME.BODYACCJERK.STD.X	Standard deviation of time domain for body acceleration jerk signal in X direction	• Type: Numeric • Value: -1 to 1
19	TIME.BODYACCJERK.STD.Y	Standard deviation of time domain for body acceleration jerk signal in Y direction	• Type: Numeric • Value: -1 to 1
20	TIME.BODYACCJERK.STD.Z	Standard deviation of time domain for body acceleration jerk signal in Z direction	• Type: Numeric • Value: -1 to 1
21	TIME.BODYGYRO.MEAN.X	Mean of time domain for body angular velocity signal in X direction	• Type: Numeric • Value: -1 to 1
22	TIME.BODYGYRO.MEAN.Y	Mean of time domain for body angular velocity signal in Y direction	• Type: Numeric • Value: -1 to 1
23	TIME.BODYGYRO.MEAN.Z	Mean of time domain for body angular velocity signal in Z direction	• Type: Numeric • Value: -1 to 1

24	TIME.BODYGYRO.STD.X	Standard deviation of time domain for body angular velocity signal in X direction	• Type: Numeric • Value: -1 to 1
25	TIME.BODYGYRO.STD.Y	Standard deviation of time domain for body angular velocity signal in Y direction	• Type: Numeric • Value: -1 to 1
26	TIME.BODYGYRO.STD.Z	Standard deviation of time domain for body angular velocity signal in Z direction	• Type: Numeric • Value: -1 to 1
27	TIME.BODYGYROJERK.MEAN.X	Mean of time domain for body angular velocity jerk signal in X direction	• Type: Numeric • Value: -1 to 1
28	TIME.BODYGYROJERK.MEAN.Y	Mean of time domain for body angular velocity jerk signal in Y direction	• Type: Numeric • Value: -1 to 1
29	TIME.BODYGYROJERK.MEAN.Z	Mean of time domain for body angular velocity jerk signal in Z direction	• Type: Numeric • Value: -1 to 1
30	TIME.BODYGYROJERK.STD.X	Standard deviation of time domain for body angular velocity jerk signal in X direction	• Type: Numeric • Value: -1 to 1
31	TIME.BODYGYROJERK.STD.Y	Standard deviation of time domain for body angular velocity jerk signal in Y direction	• Type: Numeric • Value: -1 to 1
32	TIME.BODYGYROJERK.STD.Z	Standard deviation of time domain for body angular velocity jerk signal in Z direction	• Type: Numeric • Value: -1 to 1
33	TIME.BODYACCMAG.MEAN	Mean of time domain for magnitude of 3-axial body acceleration signal	• Type: Numeric • Value: -1 to 1
34	TIME.BODYACCMAG.STD	Standard deviation of time domain for magnitude of 3-axial body acceleration signal	• Type: Numeric • Value: -1 to 1
35	TIME.GRAVITYACCMAG.MEAN	Mean of time domain for magnitude of 3-axial gravity acceleration signal	• Type: Numeric • Value: -1 to 1
36	TIME.GRAVITYACCMAG.STD	Standard deviation of time domain for magnitude of 3-axial gravity acceleration signal	• Type: Numeric • Value: -1 to 1
37	TIME.BODYACCJERKMAG.MEAN	Mean of time domain for magnitude of 3-axial body acceleration jerk signal	• Type: Numeric • Value: -1 to 1
38	TIME.BODYACCJERKMAG.STD	Standard deviation of time domain for magnitude of 3-axial body acceleration jerk signal	• Type: Numeric • Value: -1 to 1
39	TIME.BODYGYROMAG.MEAN	Mean of time domain for magnitude of 3-axial body angular velocity signal	• Type: Numeric • Value: -1 to 1
40	TIME.BODYGYROMAG.STD	Standard deviation of time domain for magnitude of 3-axial body angular velocity signal	• Type: Numeric • Value: -1 to 1
41	TIME.BODYGYROJERKMAG.MEAN	Mean of time domain for magnitude of 3-axial body angular velocity jerk signal	• Type: Numeric • Value: -1 to 1
42	TIME.BODYGYROJERKMAG.STD	Standard deviation of time domain for magnitude of 3-axial body angular velocity jerk signal	• Type: Numeric • Value: -1 to 1
43	FREQ.BODYACC.MEAN.X	Mean of frequency domain for body acceleration signal in X direction	• Type: Numeric • Value: -1 to 1
44	FREQ.BODYACC.MEAN.Y	Mean of frequency domain for body acceleration signal in Y direction	• Type: Numeric • Value: -1 to 1
45	FREQ.BODYACC.MEAN.Z	Mean of frequency domain for body acceleration signal in Z direction	• Type: Numeric • Value: -1 to 1
46	FREQ.BODYACC.STD.X	Standard deviation of frequency domain for body acceleration signal in X direction	• Type: Numeric • Value: -1 to 1
47	FREQ.BODYACC.STD.Y	Standard deviation of frequency domain for body acceleration signal in Y direction	• Type: Numeric • Value: -1 to 1

48	FREQ.BODYACC.STD.Z	Standard deviation of tim frequency domain for body acceleration signal in Z direction	• Type: Numeric • Value: -1 to 1
49	FREQ.BODYACCJERK.MEAN.X	Mean of frequency domain for body acceleration jerk signal in X direction	• Type: Numeric • Value: -1 to 1
50	FREQ.BODYACCJERK.MEAN.Y	Mean of frequency domain for body acceleration jerk signal in Y direction	• Type: Numeric • Value: -1 to 1
51	FREQ.BODYACCJERK.MEAN.Z	Mean of frequency domain for body acceleration jerk signal in Z direction	• Type: Numeric • Value: -1 to 1
52	FREQ.BODYACCJERK.STD.X	Standard deviation of frequency domain for body acceleration jerk signal in X direction	• Type: Numeric • Value: -1 to 1
53	FREQ.BODYACCJERK.STD.Y	Standard deviation of frequency domain for body acceleration jerk signal in Y direction	• Type: Numeric • Value: -1 to 1
54	FREQ.BODYACCJERK.STD.Z	Standard deviation of tim frequency domain for body acceleration jerk signal in Z direction	• Type: Numeric • Value: -1 to 1
55	FREQ.BODYGYRO.MEAN.X	Mean of frequency domain for body angular velocity signal in X direction	• Type: Numeric • Value: -1 to 1
56	FREQ.BODYGYRO.MEAN.Y	Mean of frequency domain for body angular velocity signal in Y direction	• Type: Numeric • Value: -1 to 1
57	FREQ.BODYGYRO.MEAN.Z	Mean of frequency domain for body angular velocity signal in Z direction	• Type: Numeric • Value: -1 to 1
58	FREQ.BODYGYRO.STD.X	Standard deviation of frequency domain for body angular velocity signal in X direction	• Type: Numeric • Value: -1 to 1
59	FREQ.BODYGYRO.STD.Y	Standard deviation of frequency domain for body angular velocity signal in Y direction	• Type: Numeric • Value: -1 to 1
60	FREQ.BODYGYRO.STD.Z	Standard deviation of frequency domain for body angular velocity signal in Z direction	• Type: Numeric • Value: -1 to 1
61	FREQ.BODYACCMAG.MEAN	Mean of frequency domain for magnitude of 3-axial body acceleration signal	• Type: Numeric • Value: -1 to 1
62	FREQ.BODYACCMAG.STD	Standard deviation of frequency domain for magnitude of 3-axial body acceleration signal	• Type: Numeric • Value: -1 to 1
63	FREQ.BODYBODYACCJERKMAG.MEAN	Mean of frequency domain for magnitude of 3-axial body acceleration jerk signal	• Type: Numeric • Value: -1 to 1
64	FREQ.BODYBODYACCJERKMAG.STD	Standard deviation of frequency domain for magnitude of 3-axial body acceleration jerk signal	• Type: Numeric • Value: -1 to 1
65	FREQ.BODYBODYGYROMAG.MEAN	Mean of frequency domain for magnitude of 3-axial body angular velocity signal	• Type: Numeric • Value: -1 to 1
66	FREQ.BODYBODYGYROMAG.STD	Standard deviation of frequency domain for magnitude of 3-axial body angular velocity signal	• Type: Numeric • Value: -1 to 1
67	FREQ.BODYBODYGYROJERKMAG.MEAN	Mean of frequency domain for magnitude of 3-axial body angular velocity jerk signal	• Type: Numeric • Value: -1 to 1
68	FREQ.BODYBODYGYROJERKMAG.STD	Standard deviation of frequency domain for magnitude of 3-axial body angular velocity jerk signal	• Type: Numeric • Value: -1 to 1