CODE BOOK FOR ASSIGNMENT "GETTING AND CLEANING DATA"

This Code Book applies to the "output.txt" file. Below are all columns listed from this file

This file contains a Average (Mean) value for combined data set of TRAIN and TEST measurements, of all the columns which have either phrase "mean" or "std".

This file is not sorted on any column.

It is assumed that the user is familiar with the Source Data.

#	"output.txt" Column Label	Explanation, where necessary	Field Format	Key Column?
1	subject_code	Code for Subject	Integer	Yes
2	activity_code	Code for Activity	Integer	Yes
3	activity	Description for Activity	Character	Yes
4	tBodyAcc-mean()-X	Mean of corresponding column from the combined data set (TEST + TRAIN)	Numeric with 15 deimal precision	No
5	tBodyAcc-mean()-Y		Numeric with 15 deimal precision	No
6	tBodyAcc-mean()-Z		Numeric with 15 deimal precision	No
7	tGravityAcc-mean()-X		Numeric with 15 deimal precision	No
8	tGravityAcc-mean()-Y		Numeric with 15 deimal precision	No
9	tGravityAcc-mean()-Z		Numeric with 15 deimal precision	No
10	tBodyAccJerk-mean()-X		Numeric with 15 deimal precision	No
11	tBodyAccJerk-mean()-Y		Numeric with 15 deimal precision	No
12	tBodyAccJerk-mean()-Z		Numeric with 15 deimal precision	No
13	tBodyGyro-mean()-X		Numeric with 15 deimal precision	No
14	tBodyGyro-mean()-Y		Numeric with 15 deimal precision	No
15	tBodyGyro-mean()-Z		Numeric with 15 deimal precision	No
16	tBodyGyroJerk-mean()-X		Numeric with 15 deimal precision	No
17	tBodyGyroJerk-mean()-Y		Numeric with 15 deimal precision	No
18	tBodyGyroJerk-mean()-Z		Numeric with 15 deimal precision	No
19	tBodyAccMag-mean()		Numeric with 15 deimal precision	No
20	tGravityAccMag-mean()		Numeric with 15 deimal precision	No
21	tBodyAccJerkMag-mean()		Numeric with 15 deimal precision	No
22	tBodyGyroMag-mean()		Numeric with 15 deimal precision	No
23	tBodyGyroJerkMag-mean()		Numeric with 15 deimal precision	No
24	fBodyAcc-mean()-X		Numeric with 15 deimal precision	No
25	fBodyAcc-mean()-Y		Numeric with 15 deimal precision	No
26	fBodyAcc-mean()-Z		Numeric with 15 deimal precision	No
27	fBodyAcc-meanFreq()-X		Numeric with 15 deimal precision	No
28	fBodyAcc-meanFreq()-Y		Numeric with 15 deimal precision	No
29	fBodyAcc-meanFreq()-Z		Numeric with 15 deimal precision	No
30	fBodyAccJerk-mean()-X		Numeric with 15 deimal precision	No
31	fBodyAccJerk-mean()-Y		Numeric with 15 deimal precision	No
32	fBodyAccJerk-mean()-Z		Numeric with 15 deimal precision	No
33	fBodyAccJerk-meanFreq()-X		Numeric with 15 deimal precision	No
34	fBodyAccJerk-meanFreq()-Y		Numeric with 15 deimal precision	No
35	fBodyAccJerk-meanFreq()-Z		Numeric with 15 deimal precision	No
36	fBodyGyro-mean()-X		Numeric with 15 deimal precision	No
37	fBodyGyro-mean()-Y		Numeric with 15 deimal precision	No
38	fBodyGyro-mean()-Z		Numeric with 15 deimal precision	No
39	fBodyGyro-meanFreq()-X		Numeric with 15 deimal precision	No
40	fBodyGyro-meanFreq()-Y		Numeric with 15 deimal precision	No
41	fBodyGyro-meanFreq()-Z		Numeric with 15 deimal precision	No
42	fBodyAccMag-mean()		Numeric with 15 deimal precision	No
43	fBodyAccMag-meanFreq()		Numeric with 15 deimal precision	No
44	fBodyBodyAccJerkMag-mean()		Numeric with 15 deimal precision	No
45	fBodyBodyAccJerkMag-meanFreq()		Numeric with 15 deimal precision	No
46	fBodyBodyGyroMag-mean()		Numeric with 15 deimal precision	No
47	fBodyBodyGyroMag-meanFreq()		Numeric with 15 deimal precision	No
48	fBodyBodyGyroJerkMag-mean()		Numeric with 15 deimal precision	No
49	fBodyBodyGyroJerkMag-meanFreq()		Numeric with 15 deimal precision	No
50	angle(tBodyAccMean,gravity)		Numeric with 15 deimal precision	No
51	angle(tBodyAccJerkMean),gravityMean)		Numeric with 15 deimal precision	No

52	angle(tBodyGyroMean,gravityMean)		Numeric with 15 deimal precision	No
53	angle(tBodyGyroJerkMean,gravityMean)		Numeric with 15 deimal precision	No
54	angle(X,gravityMean)		Numeric with 15 deimal precision	No
55	angle(Y,gravityMean)		Numeric with 15 deimal precision	No
56	angle(Z,gravityMean)		Numeric with 15 deimal precision	No
57	tBodyAcc-std()-X		Numeric with 15 deimal precision	No
58	tBodyAcc-std()-Y		Numeric with 15 deimal precision	No
59	tBodyAcc-std()-Z		Numeric with 15 deimal precision	No
60	tGravityAcc-std()-X		Numeric with 15 deimal precision	No
61	tGravityAcc-std()-Y		Numeric with 15 deimal precision	No
62	tGravityAcc-std()-Z		Numeric with 15 deimal precision	No
63	tBodyAccJerk-std()-X		Numeric with 15 deimal precision	No
64	tBodyAccJerk-std()-Y		Numeric with 15 deimal precision	No
65	tBodyAccJerk-std()-Z		Numeric with 15 deimal precision	No
66	tBodyGyro-std()-X		Numeric with 15 deimal precision	No
67	tBodyGyro-std()-Y		Numeric with 15 deimal precision	No
68	tBodyGyro-std()-Z		Numeric with 15 deimal precision	No
69	tBodyGyroJerk-std()-X		Numeric with 15 deimal precision	No
70	tBodyGyroJerk-std()-Y		Numeric with 15 deimal precision	No
71	tBodyGyroJerk-std()-Z		Numeric with 15 deimal precision	No
72	tBodyAccMag-std()		Numeric with 15 deimal precision	No
73	tGravityAccMag-std()		Numeric with 15 deimal precision	No
74	tBodyAccJerkMag-std()		Numeric with 15 deimal precision	No
75	tBodyGyroMag-std()		Numeric with 15 deimal precision	No
76	tBodyGyroJerkMag-std()		Numeric with 15 deimal precision	No
77	fBodyAcc-std()-X		Numeric with 15 deimal precision	No
78	fBodyAcc-std()-Y		Numeric with 15 deimal precision	No
79	fBodyAcc-std()-Z		Numeric with 15 deimal precision	No
80	fBodyAccJerk-std()-X		Numeric with 15 deimal precision	No
81	fBodyAccJerk-std()-Y		Numeric with 15 deimal precision	No
82	fBodyAccJerk-std()-Z		Numeric with 15 deimal precision	No
83	fBodyGyro-std()-X		Numeric with 15 deimal precision	No
84	fBodyGyro-std()-Y		Numeric with 15 deimal precision	No
85	fBodyGyro-std()-Z		Numeric with 15 deimal precision	No
86	fBodyAccMag-std()		Numeric with 15 deimal precision	No
87	fBodyBodyAccJerkMag-std()		Numeric with 15 deimal precision	No
88	fBodyBodyGyroMag-std()		Numeric with 15 deimal precision	No
89	fBodyBodyGyroJerkMag-std()		Numeric with 15 deimal precision	No