Data Dictionary Human Activity Data
One Observation for each Activity Description and Subject Number
All Cases Are Complete

Field	Field Name	DataType	Values
1	ActivityDescription	Character	STANDING
			SITTING
			LAYING
			WALKING
			WALKING_DOWNSTAIRS
			WALKING_UPSTAIRS
2	SubjectNumber	Integer	Subject Identification Number
3	tBodyAcc-mean()-X	Double	mean of variable by Activity and Subject
4	tBodyAcc-mean()-Y	Double	mean of variable by Activity and Subject
5	tBodyAcc-mean()-Z	Double	mean of variable by Activity and Subject
6	tBodyAcc-std()-X	Double	mean of variable by Activity and Subject
7	tBodyAcc-std()-Y	Double	mean of variable by Activity and Subject
8	tBodyAcc-std()-Z	Double	mean of variable by Activity and Subject
9	tGravityAcc-mean()-X	Double	mean of variable by Activity and Subject
10	tGravityAcc-mean()-Y	Double	mean of variable by Activity and Subject
11	tGravityAcc-mean()-Z	Double	mean of variable by Activity and Subject
12	tGravityAcc-std()-X	Double	mean of variable by Activity and Subject
13	tGravityAcc-std()-Y	Double	mean of variable by Activity and Subject
14	tGravityAcc-std()-Z	Double	mean of variable by Activity and Subject
15	tBodyAccJerk-mean()-X	Double	mean of variable by Activity and Subject
16	tBodyAccJerk-mean()-Y	Double	mean of variable by Activity and Subject
17	tBodyAccJerk-mean()-Z	Double	mean of variable by Activity and Subject
18	tBodyAccJerk-std()-X	Double	mean of variable by Activity and Subject
19	tBodyAccJerk-std()-Y	Double	mean of variable by Activity and Subject
20	tBodyAccJerk-std()-Z	Double	mean of variable by Activity and Subject
21	tBodyGyro-mean()-X	Double	mean of variable by Activity and Subject
22	tBodyGyro-mean()-Y	Double	mean of variable by Activity and Subject
23	tBodyGyro-mean()-Z	Double	mean of variable by Activity and Subject
24	tBodyGyro-std()-X	Double	mean of variable by Activity and Subject
25	tBodyGyro-std()-Y	Double	mean of variable by Activity and Subject
26	tBodyGyro-std()-Z	Double	mean of variable by Activity and Subject

27	tBodyGyroJerk-mean()-X	Double	mean of variable by Activity and Subject
28	tBodyGyroJerk-mean()-Y	Double	mean of variable by Activity and Subject
29	tBodyGyroJerk-mean()-Z	Double	mean of variable by Activity and Subject
30	tBodyGyroJerk-std()-X	Double	mean of variable by Activity and Subject
31	tBodyGyroJerk-std()-Y	Double	mean of variable by Activity and Subject
32	tBodyGyroJerk-std()-Z	Double	mean of variable by Activity and Subject
33	tBodyAccMag-mean()	Double	mean of variable by Activity and Subject
34	tBodyAccMag-std()	Double	mean of variable by Activity and Subject
35	tGravityAccMag-mean()	Double	mean of variable by Activity and Subject
36	tGravityAccMag-std()	Double	mean of variable by Activity and Subject
37	tBodyAccJerkMag-mean()	Double	mean of variable by Activity and Subject
38	tBodyAccJerkMag-std()	Double	mean of variable by Activity and Subject
39	tBodyGyroMag-mean()	Double	mean of variable by Activity and Subject
40	tBodyGyroMag-std()	Double	mean of variable by Activity and Subject
41	tBodyGyroJerkMag-mean()	Double	mean of variable by Activity and Subject
42	tBodyGyroJerkMag-std()	Double	mean of variable by Activity and Subject
43	fBodyAcc-mean()-X	Double	mean of variable by Activity and Subject
44	fBodyAcc-mean()-Y	Double	mean of variable by Activity and Subject
45	fBodyAcc-mean()-Z	Double	mean of variable by Activity and Subject
46	fBodyAcc-std()-X	Double	mean of variable by Activity and Subject
47	fBodyAcc-std()-Y	Double	mean of variable by Activity and Subject
48	fBodyAcc-std()-Z	Double	mean of variable by Activity and Subject
49	fBodyAcc-meanFreq()-X	Double	mean of variable by Activity and Subject
50	fBodyAcc-meanFreq()-Y	Double	mean of variable by Activity and Subject
51	fBodyAcc-meanFreq()-Z	Double	mean of variable by Activity and Subject
52	fBodyAccJerk-mean()-X	Double	mean of variable by Activity and Subject
53	fBodyAccJerk-mean()-Y	Double	mean of variable by Activity and Subject
54	fBodyAccJerk-mean()-Z	Double	mean of variable by Activity and Subject
55	fBodyAccJerk-std()-X	Double	mean of variable by Activity and Subject
56	fBodyAccJerk-std()-Y	Double	mean of variable by Activity and Subject
57	fBodyAccJerk-std()-Z	Double	mean of variable by Activity and Subject
58	fBodyAccJerk-meanFreq()-X	Double	mean of variable by Activity and Subject
59	fBodyAccJerk-meanFreq()-Y	Double	mean of variable by Activity and Subject
60	fBodyAccJerk-meanFreq()-Z	Double	mean of variable by Activity and Subject
61	fBodyGyro-mean()-X	Double	mean of variable by Activity and Subject
62	fBodyGyro-mean()-Y	Double	mean of variable by Activity and Subject
63	fBodyGyro-mean()-Z	Double	mean of variable by Activity and Subject

64	fBodyGyro-std()-X	Double	mean of variable by Activity and Subject
65	fBodyGyro-std()-Y	Double	mean of variable by Activity and Subject
66	fBodyGyro-std()-Z	Double	mean of variable by Activity and Subject
67	fBodyGyro-meanFreq()-X	Double	mean of variable by Activity and Subject
68	fBodyGyro-meanFreq()-Y	Double	mean of variable by Activity and Subject
69	fBodyGyro-meanFreq()-Z	Double	mean of variable by Activity and Subject
70	fBodyAccMag-mean()	Double	mean of variable by Activity and Subject
71	fBodyAccMag-std()	Double	mean of variable by Activity and Subject
72	fBodyAccMag-meanFreq()	Double	mean of variable by Activity and Subject
73	fBodyBodyAccJerkMag-mean()	Double	mean of variable by Activity and Subject
74	fBodyBodyAccJerkMag-std()	Double	mean of variable by Activity and Subject
75	fBodyBodyAccJerkMag-meanFreq()	Double	mean of variable by Activity and Subject
76	fBodyBodyGyroMag-mean()	Double	mean of variable by Activity and Subject
77	fBodyBodyGyroMag-std()	Double	mean of variable by Activity and Subject
78	fBodyBodyGyroMag-meanFreq()	Double	mean of variable by Activity and Subject
79	fBodyBodyGyroJerkMag-mean()	Double	mean of variable by Activity and Subject
80	fBodyBodyGyroJerkMag-std()	Double	mean of variable by Activity and Subject
81	fBodyBodyGyroJerkMag-meanFreq()	Double	mean of variable by Activity and Subject
82	angle(tBodyAccMean,gravity)	Double	mean of variable by Activity and Subject
83	angle(tBodyAccJerkMean),gravityMean)	Double	mean of variable by Activity and Subject
84	angle(tBodyGyroMean,gravityMean)	Double	mean of variable by Activity and Subject
85	angle(tBodyGyroJerkMean,gravityMean)	Double	mean of variable by Activity and Subject
86	angle(X,gravityMean)	Double	mean of variable by Activity and Subject
87	angle(Y,gravityMean)	Double	mean of variable by Activity and Subject
88	angle(Z,gravityMean)	Double	mean of variable by Activity and Subject