Data Dictionary – Human Activity Recognition Using Smartphones DataSet
Data File – tidyData.txt

1. subject
   The id of the volunteer associated with a particular smartphone.
   Unit: Integer values between 1 and 30

2. activity
   The activity which each person performed when the measurements were taken
   Unit: character strings in (WALKING, WALKING_UPSTAIRS, WALKING_DOWNSTAIRS, SITTING, STANDING, LAYING)

3. Measurements
   Each of the following variables represents one of the aggregations of the measurements taken.
   Mean type of measurement represents the mean of the specific measurement for a volunteer for an activity.
   StdDev type of measurement represents the standard deviation of the specific measurement for a volunteer for an activity.
   (More info on the signals are present in raw dataset > features_info.txt)

   Naming: The naming of the variables is as follows:
   "(required) Name of the signal" + "(required, represents the type of aggregation) Mean/StdDev" + "(optional) Axis"

   Unit: These variables contain the mean of the measurements for a volunteer across each of the activities.

   Measurement Labels:
   • tBodyAccMeanX
   • tBodyAccMeanY
   • tBodyAccMeanZ
   • tBodyAccStdDevX
   • tBodyAccStdDevY
   • tBodyAccStdDevZ
   • tGravityAccMeanX
   • tGravityAccMeanY
   • tGravityAccMeanZ
   • tGravityAccStdDevX
   • tGravityAccStdDevY
   • tGravityAccStdDevZ
   • tBodyAccJerkMeanX
   • tBodyAccJerkMeanY
   • tBodyAccJerkMeanZ
   • tBodyAccJerkStdDevX
   • tBodyAccJerkStdDevY
   • tBodyAccJerkStdDevZ
   • tBodyGyroMeanX

- tBodyGyroMeanY
- tBodyGyroMeanZ
- tBodyGyroStdDevX
- tBodyGyroStdDevY
- tBodyGyroStdDevZ
- tBodyGyroJerkMeanX
- tBodyGyroJerkMeanY
- tBodyGyroJerkMeanZ
- tBodyGyroJerkStdDevX
- tBodyGyroJerkStdDevY
- tBodyGyroJerkStdDevZ
- tBodyAccMagMean
- tBodyAccMagStdDev
- tGravityAccMagMean
- tGravityAccMagStdDev
- tBodyAccJerkMagMean
- tBodyAccJerkMagStdDev
- tBodyGyroMagMean
- tBodyGyroMagStdDev
- tBodyGyroJerkMagMean
- tBodyGyroJerkMagStdDev
- fBodyAccMeanX
- fBodyAccMeanY
- fBodyAccMeanZ
- fBodyAccStdDevX
- fBodyAccStdDevY
- fBodyAccStdDevZ
- fBodyAccJerkMeanX
- fBodyAccJerkMeanY
- fBodyAccJerkMeanZ
- fBodyAccJerkStdDevX
- fBodyAccJerkStdDevY
- fBodyAccJerkStdDevZ
- fBodyGyroMeanX
- fBodyGyroMeanY
- fBodyGyroMeanZ
- fBodyGyroStdDevX
- fBodyGyroStdDevY
- fBodyGyroStdDevZ
- fBodyAccMagMean
- fBodyAccMagStdDev
- fBodyBodyAccJerkMagMean
- fBodyBodyAccJerkMagStdDev
- fBodyBodyGyroMagMean
- fBodyBodyGyroMagStdDev
- fBodyBodyGyroJerkMagMean

- fBodyBodyGyroJerkMagStdDev