DATA DICTIONARY – TIDY DATA ANALYSIS

SUBJECT   30

      Number of the subject in the experiment

      1…30

ACTIVITY   6

      Descriptive name of the activity performed by the subject

1. WALKING
2. WALKING_UPSTAIRS
3. WALKING_DOWNSTAIRS
4. SITTING
5. STANDING
6. LAYING

MEAN   46

      Column names of measurements associated to the mean

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[1]  "tBodyAcc-mean()-X"          "tBodyAcc-mean()-Y"
 [3] "tBodyAcc-mean()-Z"          "tGravityAcc-mean()-X"
 [5] "tGravityAcc-mean()-Y"       "tGravityAcc-mean()-Z"
 [7] "tBodyAccJerk-mean()-X"       "tBodyAccJerk-mean()-Y"
 [9] "tBodyAccJerk-mean()-Z"       "tBodyGyro-mean()-X"
[11] "tBodyGyro-mean()-Y"         "tBodyGyro-mean()-Z"
[13] "tBodyGyroJerk-mean()-X"      "tBodyGyroJerk-mean()-Y"
[15] "tBodyGyroJerk-mean()-Z"      "tBodyAccMag-mean()"
[17] "tGravityAccMag-mean()"       "tBodyAccJerkMag-mean()"
[19] "tBodyGyroMag-mean()"         "tBodyGyroJerkMag-mean()"
[21] "fBodyAcc-mean()-X"          "fBodyAcc-mean()-Y"
[23] "fBodyAcc-mean()-Z"          "fBodyAcc-meanFreq()-X"
[25] "fBodyAcc-meanFreq()-Y"       "fBodyAcc-meanFreq()-Z"
[27] "fBodyAccJerk-mean()-X"       "fBodyAccJerk-mean()-Y"
[29] "fBodyAccJerk-mean()-Z"       "fBodyAccJerk-meanFreq()-X"
[31] "fBodyAccJerk-meanFreq()-Y"    "fBodyAccJerk-meanFreq()-Z"
[33] "fBodyGyro-mean()-X"          "fBodyGyro-mean()-Y"
[35] "fBodyGyro-mean()-Z"          "fBodyGyro-meanFreq()-X"
[37] "fBodyGyro-meanFreq()-Y"       "fBodyGyro-meanFreq()-Z"
[39] "fBodyAccMag-mean()"          "fBodyAccMag-meanFreq()"
[41] "fBodyBodyAccJerkMag-mean()"    "fBodyBodyAccJerkMag-meanFreq()"
[43] "fBodyBodyGyroMag-mean()"       "fBodyBodyGyroMag-meanFreq()"
[45] "fBodyBodyGyroJerkMag-mean()"    "fBodyBodyGyroJerkMag-meanFreq()"
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Column names of measurements associated to the standard deviation

[1] "tBodyAcc-std()-X"   "tBodyAcc-std()-Y"   "tBodyAcc-std()-Z"
 [4] "tGravityAcc-std()-X"   "tGravityAcc-std()-Y"   "tGravityAcc-std()-Z"
 [7] "tBodyAccJerk-std()-X   "tBodyAccJerk-std()-Y"   "tBodyAccJerk-std()-Z"
[10] "tBodyGyro-std()-X   "tBodyGyro-std()-Y"   "tBodyGyro-std()-Z"
[13] "tBodyGyroJerk-std()-X" "tBodyGyroJerk-std()-Y" "tBodyGyroJerk-std()-Z"
[16] "tBodyAccMag-std()"   "tGravityAccMag-std()"   "tBodyAccJerkMag-std()"
[19] "tBodyGyroMag-std()"   "tBodyGyroJerkMag-std()" "fBodyAcc-std()-X"
[22] "fBodyAcc-std()-Y"   "fBodyAcc-std()-Z"   "fBodyAccJerk-std()-X"
[25] "fBodyAccJerk-std()-Y" "fBodyAccJerk-std()-Z"   "fBodyGyro-std()-X"
[28] "fBodyGyro-std()-Y"   "fBodyGyro-std()-Z"   "fBodyAccMag-std()"
[31] "fBodyBodyAccJerkMag-std() "fBodyBodyGyroMag-std()" "fBodyBodyGyroJerkMag-std()"