Code Book

MyData.txt consists of average for mean & std values for various measurement accordingly to subject and activity.

Below is the complete list of columns:

|  |
| --- |
| Groupsubject: Position integer :<1…30>. It is a proxy to represent 30 subjects. |
| GroupActivity: factor: <WALKING, WALKING\_UPSTAIR , WALKING\_DOWNSTAIRS, SITTING, STANDING, LAYING>. 6 different activities perform by a subjects. |
| Remaining 79 columns: Real number up to 15 decimals place. They are average for a list mean/std values and group based on subject and activity.  tBodyAcc.mean.X |
| tBodyAcc.mean.Y |
| tBodyAcc.mean.Z |
| tBodyAcc.std.X |
| tBodyAcc.std.Y |
| tBodyAcc.std.Z |
| tGravityAcc.mean.X |
| tGravityAcc.mean.Y |
| tGravityAcc.mean.Z |
| tGravityAcc.std.X |
| tGravityAcc.std.Y |
| tGravityAcc.std.Z |
| tBodyAccJerk.mean.X |
| tBodyAccJerk.mean.Y |
| tBodyAccJerk.mean.Z |
| tBodyAccJerk.std.X |
| tBodyAccJerk.std.Y |
| tBodyAccJerk.std.Z |
| tBodyGyro.mean.X |
| tBodyGyro.mean.Y |
| tBodyGyro.mean.Z |
| tBodyGyro.std.X |
| tBodyGyro.std.Y |
| tBodyGyro.std.Z |
| tBodyGyroJerk.mean.X |
| tBodyGyroJerk.mean.Y |
| tBodyGyroJerk.mean.Z |
| tBodyGyroJerk.std.X |
| tBodyGyroJerk.std.Y |
| tBodyGyroJerk.std.Z |
| tBodyAccMag.mean |
| tBodyAccMag.std |
| tGravityAccMag.mean |
| tGravityAccMag.std |
| tBodyAccJerkMag.mean |
| tBodyAccJerkMag.std |
| tBodyGyroMag.mean |
| tBodyGyroMag.std |
| tBodyGyroJerkMag.mean |
| tBodyGyroJerkMag.std |
| fBodyAcc.mean.X |
| fBodyAcc.mean.Y |
| fBodyAcc.mean.Z |
| fBodyAcc.std.X |
| fBodyAcc.std.Y |
| fBodyAcc.std.Z |
| fBodyAcc.meanFreq.X |
| fBodyAcc.meanFreq.Y |
| fBodyAcc.meanFreq.Z |
| fBodyAccJerk.mean.X |
| fBodyAccJerk.mean.Y |
| fBodyAccJerk.mean.Z |
| fBodyAccJerk.std.X |
| fBodyAccJerk.std.Y |
| fBodyAccJerk.std.Z |
| fBodyAccJerk.meanFreq.X |
| fBodyAccJerk.meanFreq.Y |
| fBodyAccJerk.meanFreq.Z |
| fBodyGyro.mean.X |
| fBodyGyro.mean.Y |
| fBodyGyro.mean.Z |
| fBodyGyro.std.X |
| fBodyGyro.std.Y |
| fBodyGyro.std.Z |
| fBodyGyro.meanFreq.X |
| fBodyGyro.meanFreq.Y |
| fBodyGyro.meanFreq.Z |
| fBodyAccMag.mean |
| fBodyAccMag.std |
| fBodyAccMag.meanFreq |
| fBodyBodyAccJerkMag.mean |
| fBodyBodyAccJerkMag.std |
| fBodyBodyAccJerkMag.meanFreq |
| fBodyBodyGyroMag.mean |
| fBodyBodyGyroMag.std |
| fBodyBodyGyroMag.meanFreq |
| fBodyBodyGyroJerkMag.mean |
| fBodyBodyGyroJerkMag.std |
| fBodyBodyGyroJerkMag.meanFreq |