

DATA DICTIONARY – Coursera Project

Group –

This variable consists in a combination of subject (1 to 30) and activity name (WALKING, WALKING_UPSTAIRS, WALKING_DOWNSTAIRS, SITTING, STANDING, LAYING)

Features –

For the next 86 variables.

The results is the average value of Mean and Standard Deviation of different observations of the following features, within each group:

*Mean(), meanFreq() and std() represents Mean, weighted average frequency components to obtain a mean frequency, and Standard Deviation values, respectively of the following variables:

**Groups with XYZ have a different variable for each direction

tBodyAcc-XYZ
tGravityAcc-XYZ
tBodyAccJerk-XYZ
tBodyGyro-XYZ
tBodyGyroJerk-XYZ
tBodyAccMag
tGravityAccMag
tBodyAccJerkMag
tBodyGyroMag
tBodyGyroJerkMag
fBodyAcc-XYZ
fBodyAccJerk-XYZ
fBodyGyro-XYZ
fBodyAccMag
fBodyAccJerkMag
fBodyGyroMag
fBodyGyroJerkMag