

Untitled

frkwad

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Below is the code book for project 4 Getting and cleaning data

Variable Name Variable Description

“Subject_ID” – subject Identification “ActivityKey” – Activity performed “Set_Type” – Data collection type, training or Test “unique_ID”

All the values below represent the means of activity performance as described at file which can be downloaded from the following link. All data used to perform this analysis was obtained from the following location. Further explanation can be obtained from this site <https://d396qusza40orc.cloudfront.net/getdata%2Fprojectfiles%2FUCI%20HAR%20Dataset.zip>

“Means of ActivityValue”

“Means of tBodyAcc-mean()-X”

“Means of tBodyAcc-mean()-Y” “Means of tBodyAcc-mean()-Z” “Means of tGravityAcc-mean()-X” “Means of tGravityAcc-mean()-Y” “Means of tGravityAcc-mean()-Z” “Means of tBodyAccJerk-mean()-X” “Means of tBodyAccJerk-mean()-Y” “Means of tBodyAccJerk-mean()-Z” “Means of tBodyGyro-mean()-X” “Means of tBodyGyro-mean()-Y” “Means of tBodyGyro-mean()-Z” “Means of tBodyGyroJerk-mean()-X” “Means of tBodyGyroJerk-mean()-Y” “Means of tBodyGyroJerk-mean()-Z” “Means of tBodyAccMag-mean()” “Means of tGravityAccMag-mean()” “Means of tBodyAccJerkMag-mean()” “Means of tBodyGyroMag-mean()” “Means of tBodyGyroJerkMag-mean()” “Means of fBodyAcc-mean()-X” “Means of fBodyAcc-mean()-Y” “Means of fBodyAcc-mean()-Z” “Means of fBodyAccJerk-mean()-X” “Means of fBodyAccJerk-mean()-Y” “Means of fBodyAccJerk-mean()-Z” “Means of fBodyGyro-mean()-X” “Means of fBodyGyro-mean()-Y” “Means of fBodyGyro-mean()-Z” “Means of fBodyAccMag-mean()” “Means of fBodyBodyAccJerkMag-mean()” “Means of fBodyBodyGyroMag-mean()” “Means of fBodyBodyGyroJerkMag-mean()” “Means of tBodyAcc-std()-X” “Means of tBodyAcc-std()-Y” “Means of tBodyAcc-std()-Z” “Means of tGravityAcc-std()-X” “Means of tGravityAcc-std()-Y” “Means of tGravityAcc-std()-Z” “Means of tBodyAccJerk-std()-X” “Means of tBodyAccJerk-std()-Y” “Means of tBodyAccJerk-std()-Z” “Means of tBodyGyro-std()-X” “Means of tBodyGyro-std()-Y” “Means of tBodyGyro-std()-Z” “Means of tBodyGyroJerk-std()-X” “Means of tBodyGyroJerk-std()-Y” “Means of tBodyGyroJerk-std()-Z” “Means of tBodyAccMag-std()” “Means of tGravityAccMag-std()” “Means of tBodyAccJerkMag-std()” “Means of tBodyGyroMag-std()” “Means of tBodyGyroJerkMag-std()” “Means of fBodyAcc-std()-X” “Means of fBodyAcc-std()-Y” “Means of fBodyAcc-std()-Z” “Means of fBodyAccJerk-std()-X” “Means of fBodyAccJerk-std()-Y” “Means of fBodyAccJerk-std()-Z” “Means of fBodyGyro-std()-X” “Means of fBodyGyro-std()-Y” “Means of fBodyGyro-std()-Z” “Means of fBodyAccMag-std()” “Means of fBodyBodyAccJerkMag-std()” “Means of fBodyBodyGyroMag-std()” “Means of Means of fBodyBodyGyroJerkMag-std()”