run\_analysis.R

cburgess44

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UCI HAR Dataset—data set given to us from the Course Material

ytestdata xtestdata subtestdata All read data from files in the Test folder

ytraindata xtraindata subtraindata All read date from the Train folder

featuresHead reads the data from the Features.txt file

Activities read the data from the activity\_labels.txt file  
  
activitydata uses rbind to combine the y data from the test and train folders  
  
subjectdata uses rbind to combine the subject data from the test and train folders  
  
featuredata uses rbind to combine the x data from the test and train folders  
  
group1 uses cbind to put combine the subject data and activity data together

All\_data uses cbind to combine group 1 data with feature (X) data

DataMeanStd is a subset of All\_data reflecting Mean and Standard Deviation