

## *#DOCUMENTATION ON HOW TO USE THE CODE*

*# This is the py file which contains the main method  
# Data.py calculates and stores features and data structure of  
the exaples  
# DecisionTree.py deals with the decision tree part and  
AdsBoost.py withvthe AdaBoost part but  
# thier calls are all made from Main,py itself  
# command line for taining decision tree or Adaboost: train  
<examples> <hypothesisOut> <learning-type>  
# command line for prediction for the same: predict <hypothesis>  
<file>  
# examples is a file containing labeled examples.  
# hypothesisOut specifies the file name to write your model to.  
# learning-type specifies the type of learning algorithm you  
will run, it is either "dt" or "ada".  
# hypothesis is a trained decision tree or ensemble created by  
your train program  
# file is a file containing lines of 15 word sentence fragments  
in either English or Dutch.*