

My program is using Python3 for coding.

You just need to run the 'lab2.py' file.

Then it will prompt to choose training or predicting. You just need to enter 'train' or 'predict' as you want.

If you choose to train. Then it will prompt you to enter training file path. And the hypothesis output file path. Then it will prompt you to choose using DECISION TREE or ADABOOST. You can enter 'decision tree' to use decision tree training or enter 'adaboost' to use adaboost training.

If you choose to predict. It will prompt you to enter the hypothesis file path. That is exactly the output file what you just trained, or you can use what I provided (hypothesis_dt and hypothesis_ada). Then it will prompt you to enter the testing file. Here I just use the training file you just used to train. Because I can calculate the accuracy of my algorithm if I use the same file.

The test files are in the 'test' folder.