ReadME

Requirements:

1. Python 3

\*\*\* Certain features are not compatible with python 2.

Use ‘brew install python3’ command to install python3.

1. Packages – pandas, numpy – If not present, please use:

pip install pandas

\*\*\*Assumes your pip is up to date.

1. Dataset1 and Dataset2

Commandline Usage:

$$ python DecisionTree.py --k 1 --l 2 --train "C: \ DataSet1\training\_set.csv" --validation "C:\ DataSet1\ validation\_set.csv" --test "C:\DataSet1\test\_set.csv" --to\_print yes

Following are the input functions:

--k : Used to provide k value. Has a default value 1.

--l : Used to provide l value. Has a default value 1.

--train: Provide the path to training data. Default value is in same path as program. If dataset is in same path as program, then this option is not necessary.

--validation: Provide the path to validation data. Default value is in same path as program. If dataset is in same path as program, then this option is not necessary.

--test: Provide the path to test data. Default value is in same path as program. If dataset is in same path as program, then this option is not necessary.

--to\_print: If you want the tree to print, provide yes as the option. Default value is no and if anything else is provided, tree does not print.

Extra tips : If you want the output of above program to be printed in file, add ‘>> output.txt’ at end of above code.