Naïve bayes:

Run 1

Generating feature vectors

Processing 7219/7219

Extracting features & training batches

Processing 1/1

Testing

Processing 1/1

Correct: 631/722 = 87.3961 %

Run 2

Generating feature vectors

Processing 7219/7219

Extracting features & training batches

Processing 1/1

Testing

Processing 1/1

Correct: 650/722 = 90.0277 %

Using SVM

Generating feature vectors

Processing 7219/7219

Extracting features & training batches

Processing 1/1

Testing

Processing 1/1

Correct: 699/722 = 96.8144 %

Logistic Regression

Accuracy improved from 1.2909 to 1.2922, saving model

Testing

Generating feature vectors

Processing 3095/3095

Predicting batches

Processing 7/7

Saved to logistic.csv

Maximum Entropy

Training (1 iterations)

Iteration Log Likelihood Accuracy

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1 -0.69315 0.227

Final -0.43891 0.832

1.000 twittermaniaa==True and label is '0'

1.000 multiplying==True and label is '0'

1.000 ferngully==True and label is '0'

1.000 hopeful==True and label is '0'

1.000 jocotes==True and label is '0'

-0.920 birthday==True and label is '1'

-0.756 haha==True and label is '1'

-0.736 morning==True and label is '1'

-0.588 hey==True and label is '1'

-0.562 dreams==True and label is '1'

Validation set accuracy:0.8269

Predicting for test data

Saved to maxent.csv

Decision Tree

Generating feature vectors

Processing 7219/7219

Extracting features & training batches

Processing 1/1

Testing

Processing 1/1

Correct: 711/722 = 98.4765 %

XG boost

Generating feature vectors

Processing 7219/7219

Extracting features & training batches

Processing 1/1[17:19:06] WARNING: C:/buildkite-agent/builds/buildkite-windows-cpu-autoscaling-group-i-030221e36e1a46bfb-1/xgboost/xgboost-ci-windows/src/learner.cc:767:Parameters: { "silent" } are not used.

Testing

Processing 1/1

Correct: 716/722 = 99.1690 %

SVM

Generating feature vectors

Processing 7219/7219

Extracting features & training batches

Processing 1/1

Testing

Processing 1/1

Correct: 702/722 = 97.2299 %

Neural Network

Accuracy improved from 1.2479 to 1.2729, saving model

Testing

Generating feature vectors

Processing 3095/3095

Predicting batches

Processing 7/7

Saved to 1layerneuraclnet.csv