

Assignment 6: Artificial Neural Networks

1 Theory

None.

2 Artificial Neural Networks

Classification Statistics:

$$Accuracy = \frac{correct}{correct+incorrect} = 0.9367 = \mathbf{93.7\%}$$

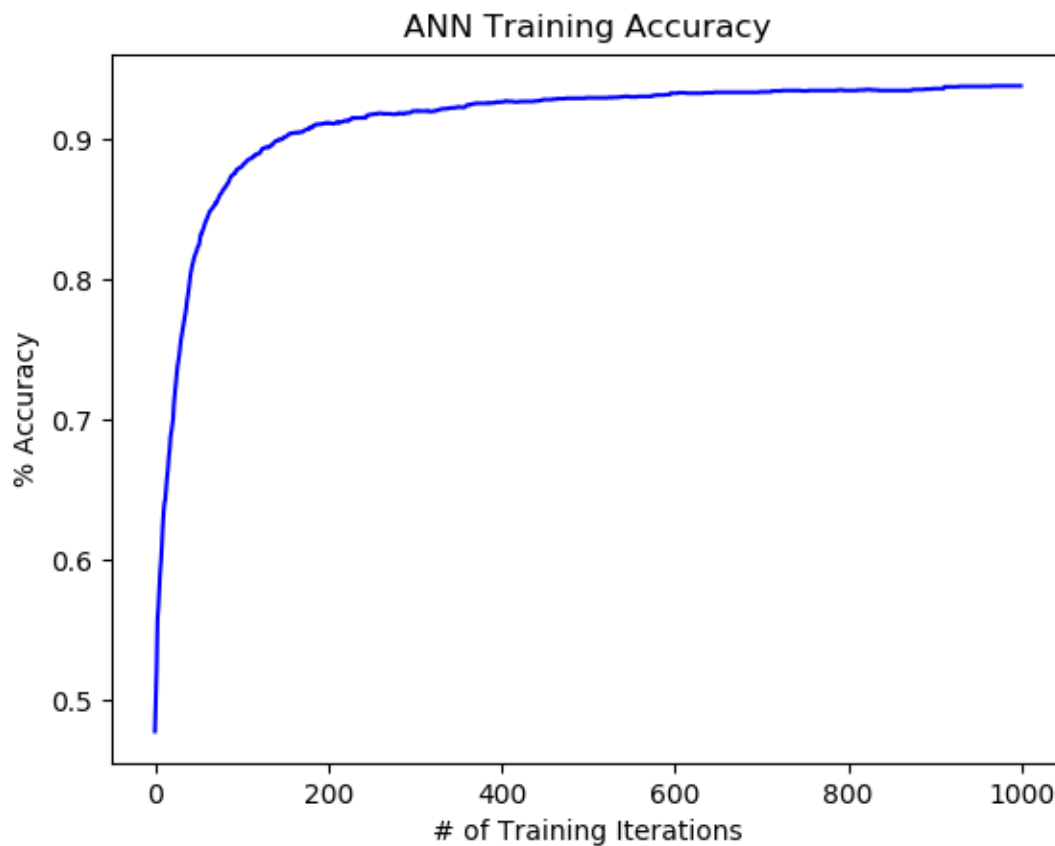


Figure 1. ANN Training Accuracy

3 The Precision Recall Tradeoff

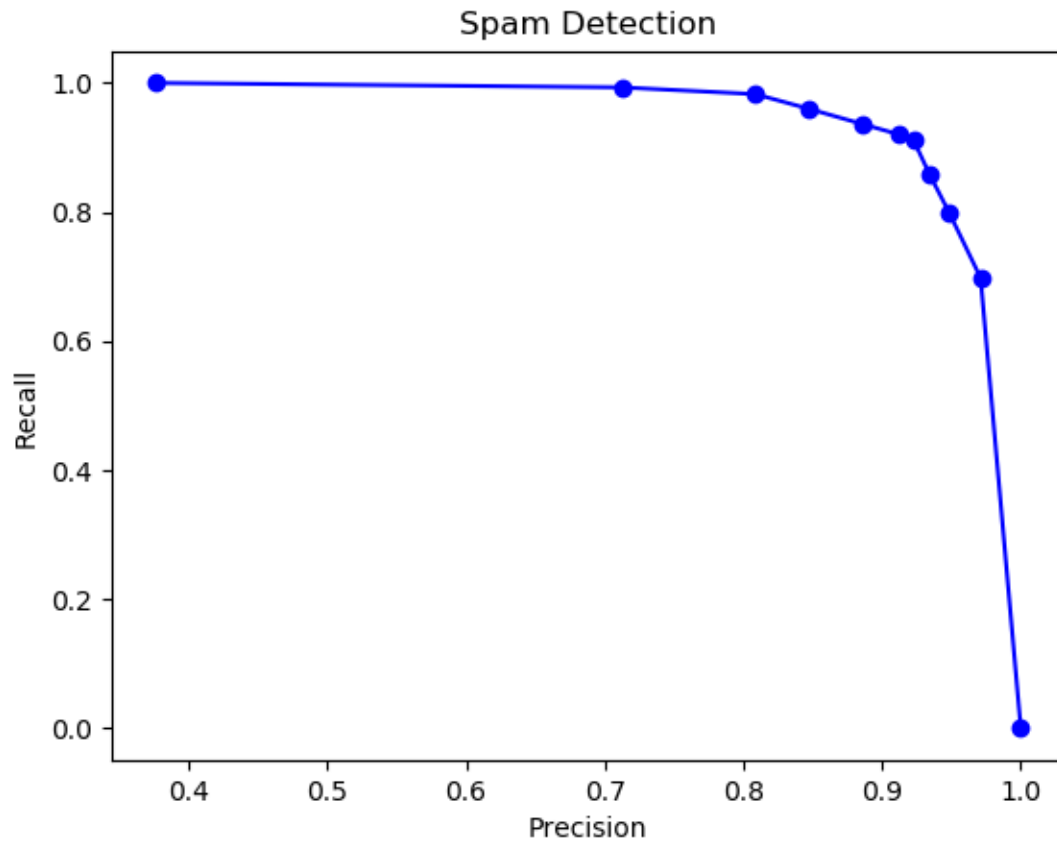


Figure 2. PR-Graph for ANN

4 Multi-Class Artificial Neural Networks

Classification Statistics:

$$Accuracy = \frac{correct}{correct+incorrect} = 0.9138 = \mathbf{91.4\%}$$

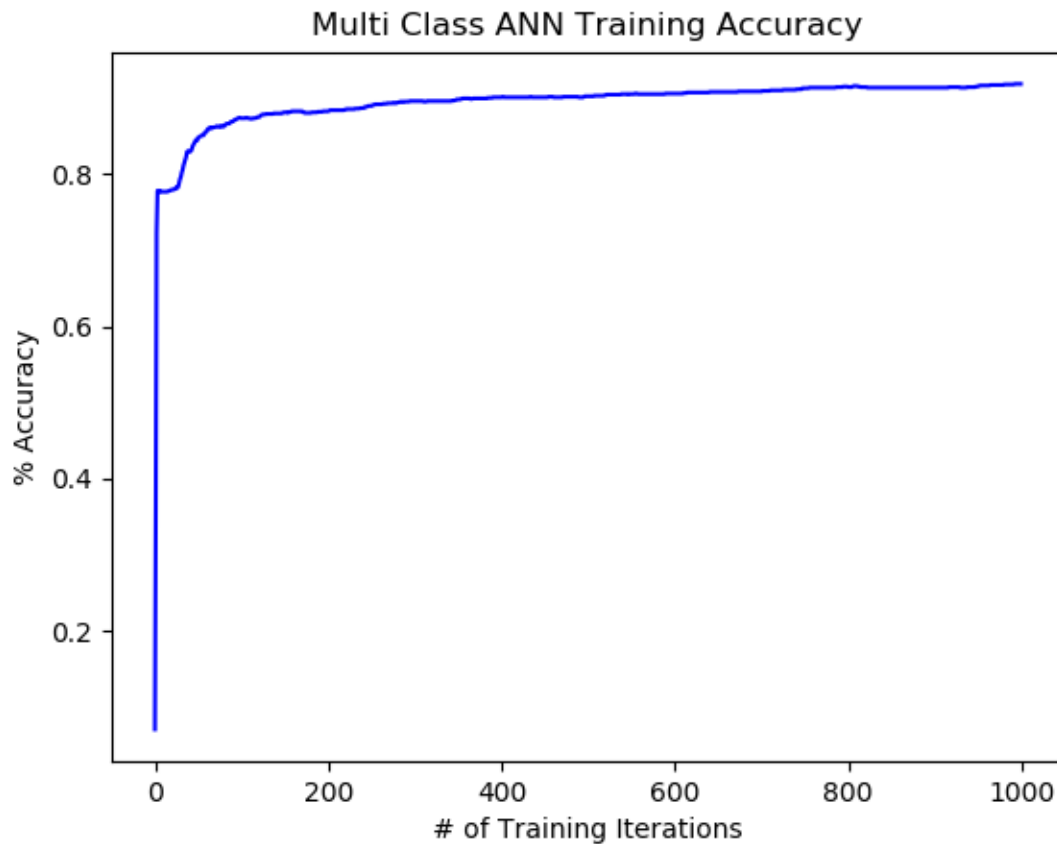






Figure 3. Multi-Class ANN Training Accuracy


5 Extra Credit

 My Surveys  



CS 383-001

CCI - Student Course Evaluation

Completed:  Invalid date

