

# Email Spam Filter: Observations

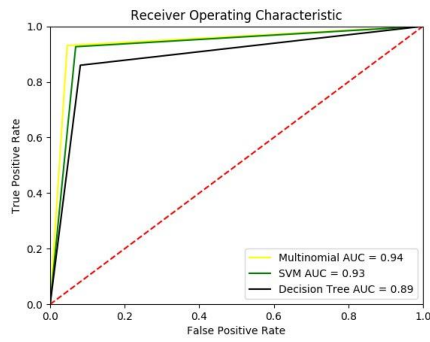


Figure 1: Classifier Comparison on Sample 1.

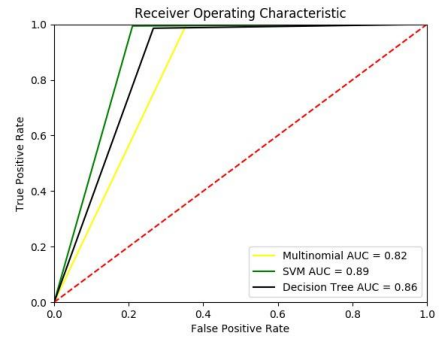


Figure 4: Classifier Comparison on Sample 4.

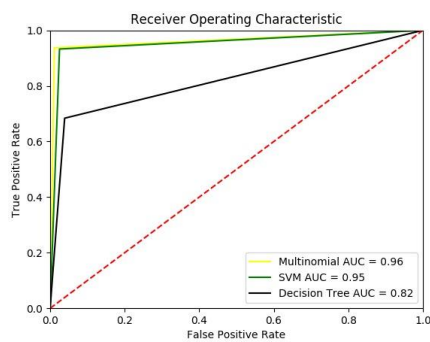


Figure 2: Classifier Comparison on Sample 2.

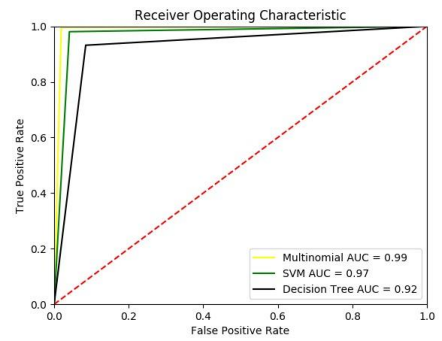


Figure 5: Classifier Comparison on Sample 5.

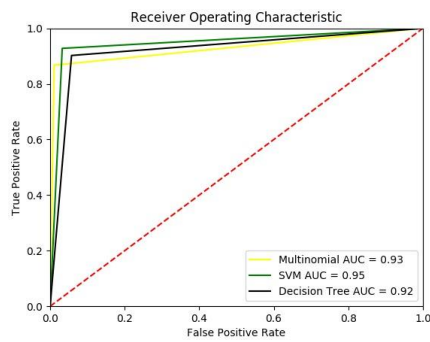


Figure 3: Classifier Comparison on Sample 3.

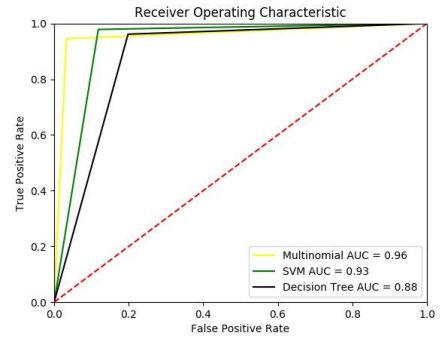


Figure 6: Classifier Comparison on Sample 6.

Table 1: Accuracy Level on different Dataset samples

Sample	Multinomial Naive Bayes	SVM	Decision Tree
1	94%	92.8%	89%
2	96%	95.3%	82.2%
3	92.8%	94.7%	92.2%
4	82%	89%	85%
5	98.8%	97%	92%
6	95.6%	93%	88%