## Spam Detection using Classifiers

### Abstract

This project provides an easy and granular way to implement and test spam detection using classifiers.

Current iteration implements and tests Naive Bayes and K-Nearest Neighbor classifiers. The results are the following:

|  |  |  |
| --- | --- | --- |
| Score / Classifier | Naïve Bayes | K-Nearest Neighbor |
| Accuracy | 91.542% | 98.206% |
| Precision | 51.613% | 98.214% |
| Recall | 88.889% | 85.938% |
| **F1** | **65.306%** | **91.667%** |

### Results

The following is a detailed overview of the classification results.