Abstract

The growing volume of unwanted bulk e-mail (also known as junk-mail or spam) has generated a need for trustworthy anti-spam filters. Now a day, many Machine learning techniques have been used which are robotically filter the junk e-mail in much unbeaten rate. In this paper, we used one of the most popular machine learning Algorithm support vector machine (SVM) with different parameters using different kernel-functions (linear, polynomial, RBF, sigmoid) are implemented on spambase-dataset. Comparison of SVM performance for all kernels (linear, polynomial, RBF, sigmoid) using different parameters (C-SVC, NU-SVC) evaluated on spambase-dataset to get best accuracy.

References


**Index Terms**

Computer Science

Circuits and Systems

**Keywords**

Spam-filtering, Support Vector Machine, Kernel-functions