

Abstract

There are many information which can be processed in many emails. Classification is a way to organize the informations which are be in the emails. *Support Vector Machine* (SVM) is a method which is used to classify. In this paper, SVM will analyse for it's performance. Some things must be attention to get the good performance like the pre-processing and weighting mechanism. Using the suitable kernel and the parameter of SVM can be influenced for the performance of SVM.

The analysis as a result of this paper will give much information and make us sure that SVM can be implemented as a classifier for email with good performance.

Keywords: classification, email, accuracy, kernel, SVM.