



## **Survey of Email Spam Analysis System**

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*Abstract:* E-mail is an effective tool for communication as it saves a lot of time and cost. But e-mails are also affected by attacks which include Spam Mails. The problem of email spam has become so popular and wide spread that it has been the subject of a Data Mining Cup contest as well as numerous class projects. Hence in this paper we have presented the problem of email spam, how spams are dangerous and ways of preventing or avoiding it. We have also covered the importance of classification using datasets and clustering along with the description of the spam filters. The criteria and the need for detecting spam mails have been elaborated in this paper. A survey of email spam analysis which includes email spam detection and correction is made.

*Keywords:* Spam, ham, classification, clustering, criteria, spam filters, learning approaches.