

## **SMS SPAM DETECTION USING MACHINE LEARNING:**

### **ABSTRACT:**

Spam emails are known as unrequested commercialised emails or deceptive emails sent to a specific person or a company. Spams can be detected through natural language processing and machine learning methodologies. Machine learning methods are commonly used in spam filtering. These methods are used to render spam classifying emails to either ham (valid messages) or spam (unwanted messages) with the use of machine learning classifiers. The proposed work showcases differentiating features of the content of documents. There has been a lot of work that has been performed in the area of spam filtering which is limited to some domains. Research on spam email detection either focuses on natural language processing methodologies on single machine learning algorithms or on one natural language processing technique on multiple machine learning algorithms. In this project, a modeling pipeline is developed to review the machine learning methodologies.

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