**SMS Spam Detection System Using ML**

**Abstract:**

This project uses machine learning and natural language processing to identify and filter spam SMS messages. By analysing text features such as word frequency, patterns, and sender details, the system classifies messages as spam or legitimate. This helps users manage their messages effectively and prevents phishing scams.

**Applications:**

* Preventing phishing and fraudulent messages.
* Enhancing mobile user experience.
* Automating spam filtering in messaging apps.

**Technologies:**

* NLP libraries (NLTK, TextBlob).
* Classification models like Naive Bayes and SVM.