**SMS Spam Detection Analysis - NLP**

**Dataset Information**

The "spam" concept is diverse: advertisements for products/web sites, make money fast schemes, chain letters, pornography...

The SMS Spam Collection is a set of SMS tagged messages that have been collected for SMS Spam research. It contains one set of SMS messages in English of 5,574 messages, tagged according being ham (legitimate) or spam.

**Attributes**

* SMS Messages
* Label (spam/ham)

**Download link:** <https://www.kaggle.com/uciml/sms-spam-collection-dataset>

**Libraries**

 pandas

 numpy

 nltk

 re

 sklearn

**Algorithms**

 Logistic Regression

 Naive Bayes

 SVC

 Random Forest