

# PROJECT PROPOSAL MACHINE LEARNING **SPAM DETECTION**

## ABOUT THE PROJECT:

Spam has recently become a big problem, and with the increase in Internet users, spam has also been on the rise. People use them for illegal immoral phishing scams. The project uses machine learning technology to identify this type of spam. It uses machine learning algorithms and applies all of these algorithms to a data set to select the best algorithm. Detect spam with the highest precision and accuracy.

TIMELINE: 2-3 weeks

## TECH STACK:

Languages: Python

Other Libraries: Numpy, pandas, nltk, string

Jupyter Notebooks

## DATA SET USED:

<https://drive.google.com/file/d/1vBFxXjwFmojH80e0hVnsB7Hjy7hbgCMT/view>

## METHOD OF IMPLEMENTATION:

1. Get the dataset (emails or sms).
2. Explore and analyse the data.
3. Visualize the training data and segregate it into:

a) SPAM

b) HAM