Spam Email Detection

## How to run the code

1)Install Python and run the below code to install all requirements for the codes:

Pip install -r requirements.txt

2) open any IDE and run Python app.py File.

3) The app.py files is already designed to take the pickle file which we created based on our trained ML Model.

\4) once we ran app.py it should start the server and we need to open <http://127.0.0.1;5000> in the browser and given the below inputs

|  |  |
| --- | --- |
| word\_freq\_our |  |
| word\_freq\_remove |  |
| word\_freq\_free |  |
| word\_freq\_your |  |
| word\_freq\_hp |  |
| char\_freq\_not |  |
| char\_freq\_dollar |  |
| capital\_run\_length\_average |  |
| capital\_run\_length\_longest |  |
| capital\_run\_length\_total |  |

5) once the inputs are given it will predict the email was spam or not.

## How to run the Implementation code.

1. Open SpamEmail\_final in Jupyter Notebook
2. Run each cell & check the accuracy of the model for different algorithms.