

TITLE DETECTION OF MALICIOUS URLS Submitted to: Mr. Sagar Pandey

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GitHub Link: https://github.com/Bidyananda/AI_CA

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Abstract

The Detection of Malicious URLs (DMU) is a system which could point out malicious and fishy looking URLs..

The project I submitted consist of the following:

1. The code: A python file

2. The data set : urldata.csv

! Introduction:

WHAT DOES MY PROJECT CONSISTS OF?

The DMU combines the following into a single unit.

Contains a URLs detecting program which further combine with the python code helps us differentiate between malicious URLs.

Objective:

The DMU will help us differentiate between malicious URLs.

It will help us stay away from virus from those malicious URLs which as a result will make our system vulnerable. This can result in our system being hacked and privacy compromised.

DMU will help prevent phishing attacks by hackers to void our privacy.

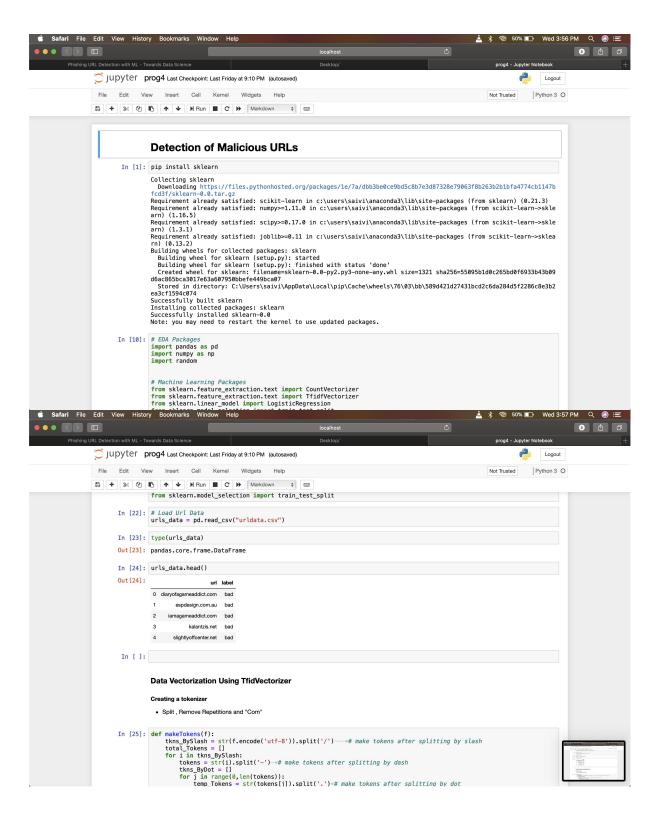
❖ Motivation:

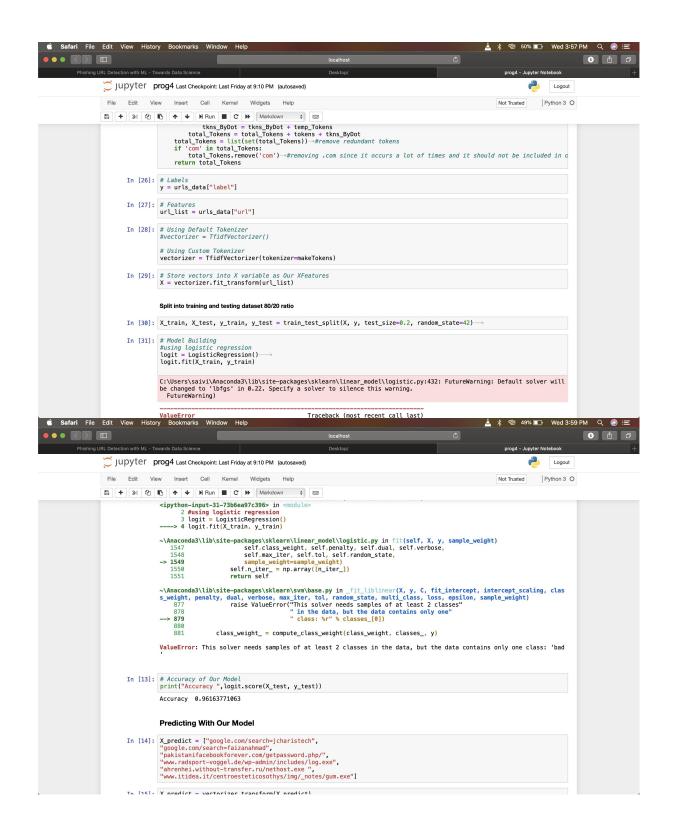
This project will help us prevent phishing attack and being vulnerable to hackers which void our privacy.

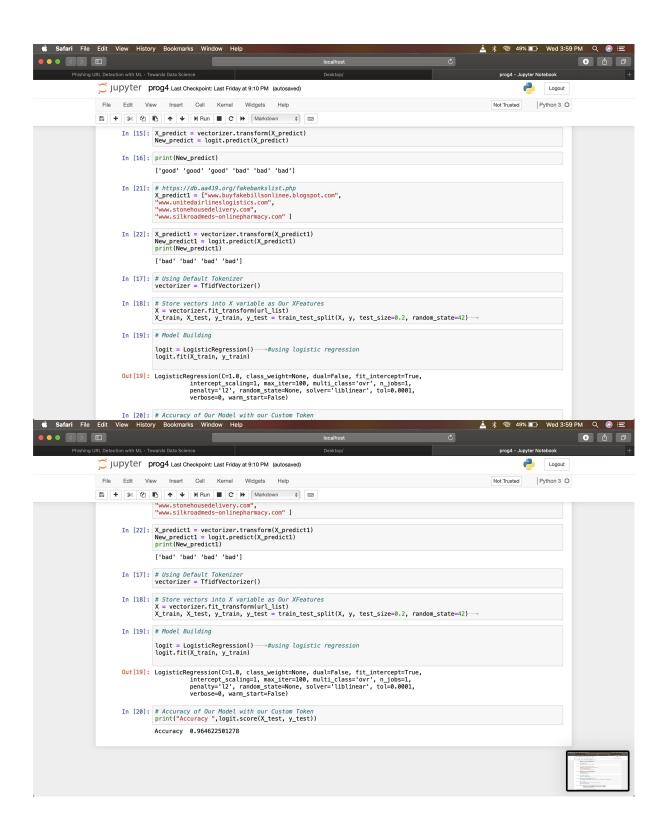
Lost in capital will also be reduced by using this project as DMU will detect the malicious URLs and warn user of the danger/risk.

Implementation of the project

PYTHON:







❖ Output:

	url	label
0	diaryofagameaddict.com	bad
1	espdesign.com.au	bad
2	iamagameaddict.com	bad
3	kalantzis.net	bad
4	slightlyoffcenter.net	bad

❖ Scope:

The DMU project can be used in the following ways:

- Detect phishing attacks
- Virus detection
- o Detect Spam

Work Distribution:

As this was a one-person project, all of the work was undertaken by me.

- **Libraries** Used:
- 1. Sklearn
- 2. Numpy
- 3. Pandas
- 4. Random

❖ GitHub link:

https://github.com/Bidyananda/AI_CA

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