BRAIN STORMING SESSION

DEFINING PROBLEM STATEMENT

Web Phishing Detection

There are a number of users who purchase products online and make payments through e-banking. There are e-banking websites that ask users to provide sensitive data such as username, password & credit card details, etc., often for malicious reasons. This type of e-banking website is known as a phishing website. Web service is one of the key communications software services for the Internet. Web phishing is one of many security threats to web services on the Internet.

Common threats of web phishing:

- Web phishing aims to steal private information, such as usernames, passwords, and credit card details, by way of impersonating a legitimate entity.
- It will lead to information disclosure and property damage.
- Large organizations may get trapped in different kinds of scams.

This Guided Project mainly focuses on applying a machine-learning algorithm to detect Phishing website.

Brainstorm:

Group ideas:

Several different techniques to combat phishing, including legislation and technology created specifically to protect against phishing.

These techniques include steps that can be taken by individuals, as well as by organizations. Phone, web site, and email phishing can now be reported to authorities

Filtering out phishing mails:

Specialized spam filters that will reduce the number of phishing mail

Some specific filters to are

1. Requests for login credentials

2. Requests for credit/debit card credentials.

3. Obvious claims that you've won a prize.

Rohith.R

Because Phisher software is diverse, current filters can still mis-classify emails.

Commonly featured keywords in current Phishers need to be used as part of the test data.

Predicting future mutation of such evolving emails and taking preventive measures could be looked into.

Sifting through algorithms like Bayesian networks and the multilayer perceptron algorithm, to find which yields the most accuracy in results is important.

Srivanth.S

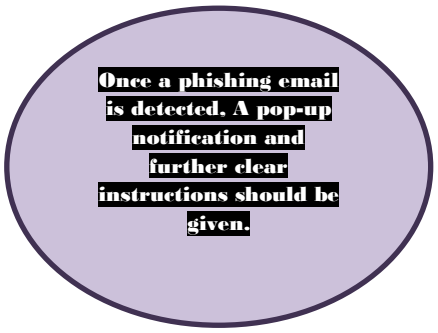
Tools to categorise and cluster the data need to be researched.

Phishers are often disguised as trusted brands and institutions. This software must verify against that

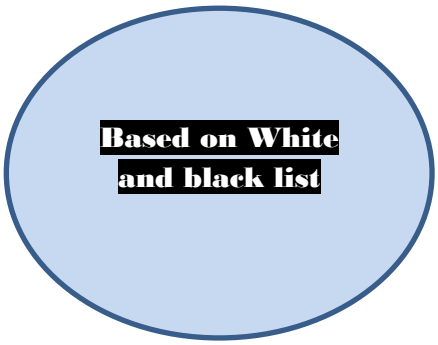
Analyze the salutation (legitimate organization will often use a personal salutation with your first and last name)

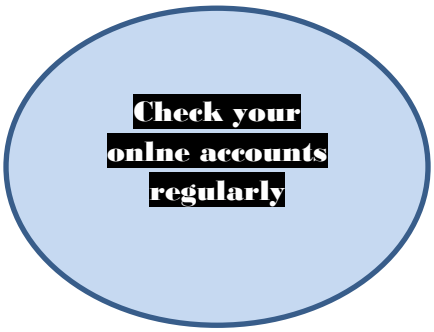
Strong authentication

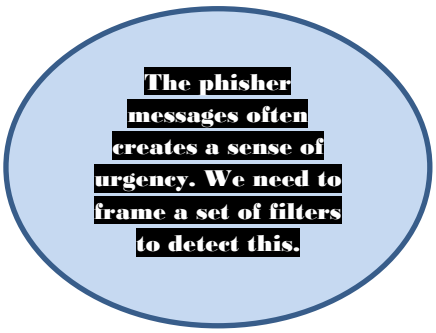
Dhanush.G



Tarun.M.K







Our priority is listed below:

PRIORITIZE CHART: