

WEB PHISHING DETECTION

TEAM MEMBERS: DURGA DEVI .M-IV YEAR ECE-A

SINDHU .J-IV YEAR ECE-A

SUBHIKSHA.P-IV YEAR ECE-A

SURTHIKA.G-IV YEAR ECE-A

LITERATURE SURVEY:

1. By Zichen Fan -

- [Detecting and Classifying Phishing Websites by Machine Learning | IEEE Conference Publication | IEEE Xplore](#)
- These systems use two lists to classify phishing and non phishing websites.
- These are called whitelist and blacklist. The whitelist contains safe and legitimate websites, while the blacklist includes websites classified as phishing.
- In these systems, features are obtained based on relational rule mining. The rules are estimated to emphasize features that are more common in phishing URLs [9].
- In studies using this type of system, it is aimed to use effective features more actively in the classification. In these systems, a set of rules are determined. Thus, the system gives a higher accuracy rate when trained with these rules.
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2. By Mohammed Hazim Alkawaz-

- [Detecting Phishing Website Using Machine Learning | IEEE Conference Publication | IEEE Xplore](#)
- The current situation that is majority of the population has been fooled into giving their personal details to hackers without noticing it.
- Many blacklisted website has been publish to appear as an original site in order to trap user by asking them to input their personal details
- Phishtank was proposed to carry out the inspection once a link has been pasted on the section given.
- Limitation of this project is there was no facility of displaying pop-up and email notification once user had access blacklisted website

3. By Weiheng Bai-

- [Phishing Website Detection Based on Machine Learning Algorithm | IEEE Conference Publication | IEEE Xplore](#)
- We compared four different machine learning algorithms and selected one with highest time efficiency and accuracy we need

- First, collect web pages from web through web collection
- We selected malicious web pages from phishtank and benign pages with dmoz directory
- Selenium is tool for web application testing