WEB PHISHING DETECTION

LITERATURE SURVEY

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LITERATURE SURVEY

S.NO & TITLE	PROPOSED WORK	TOOLS USED /ALGORITHMS	TECHNIQUE & COMMENT	ADVANTAGES /DISADVANTAGES

LITERATURE SURVEY

• Phishing Detection	This project surveys the literature on the detection of phishing attacks. Phishing links can be identifies using some features extracted from the URL link and further phishing can be avoided	• Classifiers Model Based features	• Phish-Net **Comments:** Expands blacklisted URLs (parents) and produces multiple variations of the same URL (children) via heuristics, thus it analyses data parts only.	**Advantage:** High level of accuracy, create new type of features like Markov features. **Disadvantage:** Huge number of features, many algorithm for classification which mean time consuming.

LITERATURE SURVEY

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Web phishing detection using AIWL	This paper proposes that the phishing weblinks can be identified through extracting features and data theft can be prevented using ML algorithms.	• Clustering of phishing email	• AIWL **Comment:** Classification accuracy is highly dependent on the individual user.	**Advantage:** Fast in classification process. **Disadvantage:** Less accuracy because it depend on unsupervised learning, need feed continuously.

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LITERATURE SURVEY

Website phishing detection using Machine Learning algorithms	This paper helps us understand how the web links can be an phishing weblink and can be identified using ML algorithms	• Hybrid system	• SpoofGuard **Comment:** Too high FP rate. Its advantages is being able to detect zero-hour phishing attacks.	**Advantage:** High level of accuracy by take the advantages of many classifiers. **Disadvantage:** Time consuming because this technique has many layers to make the final result.

LITERATURE SURVEY

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LITERATURE SURVEY

Phishing detection using CIDS	This journal helps us to understand how the phishing is done through mislead websites and how the data of an user is stolen and the prevention to these are given through identification of features from the given data	• Compared multi classifiers algorithms	• CIDS **Comment:** CIDS was not evaluated nor implemented due to difficulties associated with reproducing double fast flux bot networks.	**Advantage:** Provide clear idea about the effective level of each classifier on phishing email detection. **Disadvantage:** Non-standard classifier.

LITERATURE SURVEY

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LITERATURE SURVEY

Phishing detection using phish guard	In this paper we proposed an system where suspicious weblinks are identifies using ML algorithms and prevention methods are noted	• Methods based on Bag-of-Words model	•Phish-Guard **Comment:** Uses heuristic tests and can be effective against-zero-hour attacks.	**Advantage:** Build secure connection between user's mail transfer agent (MTA) and mail user agent (MUA). **Disadvantage:** Time Consuming, huge number of features, consuming memory

Thank you