

LITERATURE SURVEY

TITLE	YEAR	AUTHORS	TECHNOLOGY ADOPTED	MERITS	DEMERITS
Real Time Detection of Phishing Websites	2016	ABDULGHANI ALI AHMED, NURUL AMIRAH ABDULLAH	Checking Uniform Resources Locators (URLs)	<p>Increased accuracy by 32% than previous proposed systems.</p> <p>Identifies URL redirecting to other web pages by analyzing the URL type.</p>	<p>Accuracy depends on heuristic band and depends on discriminative features.</p> <p>Only checks validity of URLs.</p>
Detection of Phishing Websites by Using Machine Learning-Based URL Analysis	2020	Mehmet Korkmaz, Ozgur Koray Sahingoz, Banu Diri	Machine Learning-Based URL Analysis (Logistic Regression (LR), K-Nearest Neighborhood (KNN), Support Vector Machine (SVM), Decision Tree (DT), Naive Bayes (NB), XGBoost, Random Forest (RF) and Artificial Neural Network (ANN))	<p>Logistic Regression is the algorithm that generates effective predictions of phishing domain elements.</p> <p>Hybrid algorithms enhance the accuracy.</p>	<p>Takes time to identify the phishing website.</p> <p>Requires high processing power.</p>
Phishing Website Detection Based on Machine Learning Algorithm	2020	Weiheng Bai	Machine Learning Algorithm (Logistic regression classifier)	<p>With high threshold value, it has high accuracy rate.</p> <p>Logistic regression classifies being used improves the speed.</p>	<p>Not completely reliable because transmission of packets does not reflect the proximity of location .</p> <p>Data preprocessing is required.</p>
Machine Learning Techniques for Detection of Website Phishing: A Review for Promises and Challenges	2021	Ammar Odeh, Ismail Keshta, Eman Abdelfattah	Machine learning, Deep learning (Heuristic and automated techniques)	<p>Use of Machine learning improvised the URLs.</p> <p>Stacking model has improved the accuracy by detecting legitimate websites.</p>	<p>Large binds of datasets are difficult to handle.</p> <p>Low accuracy and hypertuning.</p>