

LITERATURE SURVEY

TITLE	AUTHOR AND YEAR	PUBLISHER	PROBLEM PROPOSED	PROPOSED SOLUTION	PROS AND LIMITATIONS
Smart Phishing Detection in Web Pages.	Chukka Santhaiah & U. Janardhan Reddy / 2021	L. Lakshmi, M. Purushotham Reddy	The existing techniques for phishing detection use Bayesian classification for differentiating malignant web pages from genuine web pages.	The proposed deep learning model with Adam Optimizer uses a Listwise approach to classify phishing websites and genuine websites.	Performance of the proposed approach is decent when compared to other traditional machine learning approaches like SVM, Adaboost, AdaRank.



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Towards Lightweight URL-Based Phishing Detection	Andrei Butnaru ,Alexios Mylonas/ 2021	Nikolaos Pitropakis	The current threat landscape phishing attacks typically serve as an attack vector or initial step in a more complex campaign.	This resultant the performa nce over time with a dataset which consists of active phishing attacks and compare it with Google Safe Browsing (GSB)	The work outperforms GSB in all experiments, as well as performs well even against phishing URLs which are active one year after our model's training
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Web Phishing Detection Using a Deep Learning Framework	Yuxiang Guan,Futai Zou,Yao Yao,Wei Wang,and Ting Zhu/ 2018	Ping Yi	Web phishing aims to steal private information, such as usernames, passwords, and credit card details, by way of impersonating a legitimate entity.	Two types of features for web phishing: original features and interaction features. The detection model based on Deep Belief Networks (DBN)	The experiment shows that the suggested detecting model based on DBN can achieve an approximately 90% true positive rate and 0.6% false positive rate.
A Deep Learning Technique for Web Phishing	Saad Al-Ahmadi / 2020	Saad Al-Ahmadi	It describes about the websites image and URL	This method was used to train the CNN from	The model uses webpage URLs and images to detect a phishing



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Detection Combined URL Features and Visual Similarity			to deals with the issue of phishing website recognition as a classification challenge	start to finish. In order to train CNN, a dataset consisting of 129,450 clinical photos is used.	attack using CNNs. The important features of website images and URLs and then classifies them into phishing pages.
Meta-Algorithms for improving Classification Performance in the	Anggit Ferdita Nugraha/ 2019	Luthfia Rahman	Research related to web phishing detection system has been carried out by many researchers,	the addition of meta-algorithm is proposed to support the improvemen t of	the testing phase that conducted using Web Phishing dataset from



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Web-phishing
Detection
Process

one of them
using data
mining
techniques,
but still uses
a single
classification
algorithm.

classification
performance
for the
development
of various
web phishing
detection
systems.

UCI Machine
Learning
Repository,
an increase
in accuracy
value of
97.1% is
obtained by
the addition
of the
bagging
process,
97.3% by
using the
boosting
process, and
97.5% by the
addition of
the stacking
process.



REFERENCES

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