Literature Survey

TOPIC : Web Phishing Detection

Title	Author Name	Published year	Description
Phishing Website Detection: An Improved Accuracy through Feature Selection and Ensemble Learning.	Ubing, Alyssa Anne et al.	2019	• This proposed work is capable of improving the accuracy of phishing website detection, Since a feature selection algorithm is used and integrated with an ensemble learning methodology which is a machine learning technique that combines several base models in order to produce one optimal predictive model. • The experimental results prove that the accuracy rate of our proposed model can yield up to 95%, which is higher than the current technologies for phishing website detection
An Assessment of Features Related to Phishing Websites using an Automated Technique	Mohammad, Rami, McCluskey, T.L. and Thabtah, Fadi	2012	• This research aims to develop a group of features that have been shown to be effective in predicting phishing websites and to extract those features according to new scientific precise rules. • Every feature will be associated with a weight corresponding to the ratio of that feature in the data collection.These frequencies will give us an initial indication of how influential is the feature in detecting phishing websites

A Methodical Overview on Phishing Detection along with an Organized Way to Construct an Anti-Phishing Framework,	S. Patil and S. Dhage	2019	• In this proposed work 5 major anti-phishing solutions namely, Heuristic Based Approach, Content Based Approach, Blacklist Based Approach, Machine Learning Approach, Hybrid Approach is discussed So these approaches acts as to outline a framework that can give assurance from phishing attacks.
A phishing vulnerability analysis of web based systems	W. D. Yu, S. Nargundkar, and N. Tiruthani	2008	• In this article they have addressed some of the phishing vulnerabilities of web based systems namely Browser Vulnerabilities , Misleading emails, Exploitable Security holes, unverified source address etc. • It also discusses some of the attempts made to prevent phishing such as Spam filters,browser toolbar extensions to alert the user about phishing websites, augmenting password logins, maintaining databases with phishing websites and monitoring and taking down phishing websites.