***LITERATURE REVIEW***

**Detection and classification of phishing websites**

Link : <https://www.peertechzpublications.com/articles/TCSIT-6-140.php>

Inferences:

1. There two approaches that are typically used in detecting phishing websites blacklist based approach and heuristic-based approach
2. This paper uses the classification rule which is one of the induction technique in datamining as the paper is chooses to go with heuristic based approach
3. This paper suggest how to use the machine learning technique to classify the Phishing website as the usage of blacklist to identify the phishing website is not effective in zero hour attack

**A REVIEW ON PHISHING WEBSITE DETECTION USING MACHINE LEARNING**

School of Information Technology & Engineering, Vellore Institute of Technology

Link : <https://www.researchgate.net/publication/352785109_A_REVIEW_ON_PHISHING_WEBSITE_DETECTION_USING_MACHINE_LEARNING>

Inferences:

1. This paper discusses various machine learning algorithm for classifying and detecting the Phishing site
2. The research concluded that random forest approach can be used to build phishing website detection based on the achieved prediction performance

**FRAMEWORK FOR DETECTION AND PREVENTION OF PHISHING WEBSITE USING MACHINE LEARNING APPROACH**

Link : <https://www.bibliomed.org/mnsfulltext/197/197-1599115293.pdf?1640007654>

Inference:

1. This paper discusses about the 3 methods for detecting the phishing website and also explains its drawback along with suggesting a better technique among these three.
2. It focuses on the Phishing attack on banking system.
3. The three mechanisms used are an anomaly-based detection, IP address identification and device identification.
4. The overall system will not only detect the unauthorized login attempts but also prevent it, notified to authorized users and safeguard online banking customers from fraudsters

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| TOPIC | **PUBLISHED BY** | **LINK** |
| Detection of Phishing Websites using Machine Learning | INTERNATIONAL JOURNAL OF ENGINEERING AND RESEARCH TECHNOLOGY(Ijert) | https://www.ijert.org/detection-of-phishing-websites-using-machine-learning |
| [Phishing Websites Detection Based on Web Source Code and URL in the Webpage](http://www.hindex.org/download.php?page=1) | International Journal of Computer Science and Engineering Communications | <http://www.hindex.org/2013/article.php?page=1> |
| Efficient Detection of Phishing Websites Using Multilayer Perceptron | Princess Sumaya University for Technology Amman, Jordan | https://online-journals.org/index.php/i-jim/article/view/13903 |