

Team Members :

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Team Name :The Deep Divers.

Project Title : Phishing website detection.

Project Description :Website Phishing steals users' personal information like username, passwords, etc.. which costs a lot of money to the victim company or user. Recently, online transactions and communications are increasing daily basis which leaves the user vulnerable to this issue. There are many traditional approaches to detect phishing attacks based on the URL and content of the site. Using machine learning algorithms, the detection of phishing attacks can be automated. Here, the aim is to use a different machine-learning algorithm to detect phishing attacks and increase the accuracy of those machine learning models.

Proposed methodology / Techniques to be used:

Random Forest, Decision tree, KNN classifier can be used to detect the phishing website from the URL based features.

Resource :

<https://archive.ics.uci.edu/ml/datasets/phishing+websites#>

<https://www.sciencedirect.com/science/article/pii/S0957417414001481>

Programming tools :

Jupyter Notebook

Language: Python

Dataset :

<https://archive.ics.uci.edu/ml/datasets/phishing+websites#>