LITERATURE SURVEY ON WEB PHISHING DECTECTION

DOMAIN	:	APPLIED DATA SCIENCE
SPECIALIZATION	:	EDUCATION
PROJECT TITLE	:	WEB PHISHING DECTION

ABOUT TEAM :

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ABOUT OUR PROJECT:

Web phishing **aims to steal private information, such as usernames, passwords, and credit card details, by way of impersonating a legitimate entity**. It will lead to information disclosure and property damage. This paper mainly focuses on applying a deep learning framework to detect phishing websites. We have referred many journal articles few of them are mentioned below with pros and cons. Our plan is to rectify an underneath cons and to give the efficient web phishing detection method.

AUTHORS	TITLE	METHODOLOGY	PROS	CONS	INFERENCE
Arathi Krishna V, Anusree A, Blessy Jose, Karthika Anilkumar, Ojus Thomas Lee	Phishing Detection using Machine Learning based URL Analysis: A Survey	classifiers Model-based Features	Create a new type of feature like Markov feature	Need large mail server and high memory requirement	In the attempt to improve URL blacklist-based approaches, PhishStorm was introduced to identify potential phishing websites
Rishikesh Mahajan, Irfan Siddavatam	Phishing Website Detection using Machine Learning Algorithms	Compared multi classifier algorithm	Provide clear idea about the effective level of each classifier on phishing detection	No standard classifier	The algorithms that are used for the classification are: SVM, logistic regression, Random Forest, Bayesian Network.
Gunter Ollmann	The Phishing Guide Understanding & Preventing Phishing Attacks	Cluster of phishing Email	Fast in classification process	Less accuracy	Understanding & Preventing Phishing Attacks By: Gunter Ollmann, Director of Security Strategy IBM Internet Security Systems

R.Mohammad F.Thabtah L.Mccluskey	Phishing websites dataset	Evolving connectionist system	Less consuming memory	Need feed continuously	Such Dataset have been collected using our own tool, in the attached pdf document you can find details of the dataset and the features in these datasets
Zou Futal Gang Yuxiang Pei Bei Pan li Li Linsen	Web Phishing detection based on graph mining	Methods based on Bag-of-Words model	Build secure connection between user's mail transfer agent and mail user agent	Time consuming and huge number of features	With detecting method for phishing continually proposed and applied, the threat of web phishing has already reduced at a great extent.