

**DETECTION OF PHISHING WEBSITES USING
MACHINE LEARNING ALGORITHMS WITH OPEN
SOURCE DATA MINING TOOLS**

P. M. Hewage

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**Department of Computing
Informatics Institute of Technology, Sri Lanka
in collaboration with
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Abstract

In the last few years, we have seen that the Internet has provided a variety of services to its users. The Internet facilitates their day-to-day activities. A large number of illegal Internet activities arise in these activities. Meanwhile, phishing websites are a highly illegal internet activity.

Phishing is a significant security risk to the Internet. In those days there were many clients who buy products on the web and pay premium through e-banking. Hackers and attackers use fraudulent websites, such as fake websites, to persuade customers to reveal their personal data. Therefore, web users are afraid to use their personal data when transacting. Therefore, it is very important to identify a phishing site before making an exchange or browsing the web.

This act of trying to steal a person's sensitive information disguised as a trusted entity is called "phishing". Such sites can be identified using the 'Phishing Alerts plugin' which is identified by the 'Phishing URL'.

Once you are notified, you can protect yourself from entering sensitive information on a suspicious website.

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Keywords – Machine Learning, Open Source Data Mining Tools