**PROBLEM STATEMENT:**

Phishing is one of the major problems of the information security. It can occur in two ways, either by receiving suspicious emails that lead to the fraudulent site or by users accessing links that go directly to a phishing website. However, the two methods are common in one thing, which is the attacker targets human vulnerabilities rather than software vulnerabilities. Phishing can be described as fraudsters that try to manipulate the user into giving them their personal information such as username, password, and a credit card number. These scams are leading to economic and financial crises for users. Statistics have shown that the number of phishing attacks keeps increasing, which presents a security risk to the user information according to the Anti-Phishing Working Group (APWG) [1] and recorded phishing attacks by Kaspersky Lab [2], which stated that it has increased by 47.48% from all of the phishing attacks that have been detected. To avoid this we have come up with an solution using Machine Learning to prevent this.