PRIOR KNOWLEDGE

Date	19 November 2022
Team ID	PNT2022TMID11399
Project Name	Web Phishing Detection
Maximum Marks	2 Marks

To understand and work out the project, we must have prior knowledge on the following concepts:

- Supervised Learning
- Unsupervised Learning
- Regression Classification and Clustering
- Logistic Regression
- Flask

Supervised Learning:

Supervised learning, also known as supervised machine learning. It is defined by its use of labelled datasets to train algorithms that to classify data or predict outcomes accurately.

Unsupervised Learning:

Unsupervised learning is uses as machine learning algorithms to analyse and cluster unlabelled datasets. These algorithms discover hidden patterns or data groupings without the need for human intervention.

Regression Classification and Clustering:

Regression and Classification are types of supervised learning algorithms while Clustering is a type of unsupervised algorithm. When the output variable is continuous, then it is a regression problem whereas when it contains discrete values, it is a classification problem.

Logistic Regression:

In statistics, the logistic model is a statistical model that models the probability of an event taking place by having the log-odds for the event be a linear combination of one or more independent variables. In regression analysis, logistic regression is estimating the parameters of a logistic model

Flask:

Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions