

Project Flow

Date	19 November 2022
Team ID	PNT2022TMID22982
Project Name	Web Phishing Detection
Maximum Marks	4 Marks

Download the dataset:

- Navigate to your project and click File > Open.
- Navigate to the folder where the datasets are stored.
- Select the datasets you need and click Download.

Pre-process or clean the data:

- Data cleaning: This refers to the procedures used to rectify or eliminate inaccurate or incomplete data from a dataset.
- Data Transformation: This is the process of changing data from one format to another, for as from an XML document to another file.
- Data reduction is the process of lowering the amount of storage space needed for data.

Analyse the pre-processed data:

- Cleaning up data.
- Data reduction and transformation.

Train the machine with pre-processed data using an appropriate machine learning algorithm:

- Obtain the dataset.
- Import all required libraries.
- Bring the dataset in.
- Recognizing and managing values that are lacking.
- Coding the data in categories.
- The dataset being divided.
- Scaling of features.

Save the model and its dependencies:

When saving the same model with the same name, the model will save in the current directory and replace the previous one.

Simply modify the model's name while saving it each time if you require different models.

Build a Web application using a flask that integrates with the model built:

- Set up Flask.
- Import the required libraries, launch the Flask app, and load our machine learning model.
- Specify the app path for the web app's home page.
- Changing the API's direction to forecast CO2 emissions
- The Flask Server being started.