

Project Flow

| | |
|---------------|------------------------|
| Date | 19 November 2022 |
| Team ID | PNT2022TMID11399 |
| 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: It is the processes of fixing or removing the incorrect or incomplete data within the dataset.
- Data Transformation: It is the process of converting data from one format to another for example XML document to other files,
- Data Reduction: It is the process reducing the amount of capacity required to store data.

Analyse the pre-processed data:

- Data cleaning.
- Data transformation.
- Data reduction.

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

- Acquire the dataset.
- Import all the essential libraries.
- Import the dataset.
- Identifying and handling the missing values.
- Encoding the categorical data.
- Splitting the dataset.
- Feature scaling.

Save the model and its dependencies:

Model will save in the current directory and the model will overwrite the old one when saving the same model with same name. if you need various model just change the name of the model while saving the model each time.

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

- Install Flask.
- Import necessary libraries, initialize the flask app, and load our ML model.
- Define the app route for the default page of the web-app.
- Redirecting the API to predict the CO2 emission.
- Starting the Flask Server.