1. Open the folder in the vs code.
2. Enter into DeployModel by using command in vs code terminal(cmd)
    - cd DeployModel
3. Run the phishingdetection_with_input_as_URL_project.ipynb file (to select the best performing ml model for phishing detection)

    Change the dataset path in this ipynb file corresponding to your path in phishing.csv

    Install following packages in jupyter notebook cell:

    - %Pip install numpy
    - %Pip install pandas
    - %pip install seaborn
    - %pip install xgboost
    - %pip install python-googlesearch
    - %pip install python-whois
4. To run the project install packages in VsCode terminal cmd
    - pip install ipaddress
    - pip install regex
    - pip install requests
    - pip install beautifulsoup4
    - pip install google-api-python-client
    - pip install python-whois
    - pip install python-dateutil
    - Pip install numpy
    - Pip install pandas
    - Pip install scikit-learn
    - pip install google-api-python-client
5. Change phishing.csv dataset path in trained_model.py file with your file path.

```
# Load and preprocess the data
data = pd.read_csv('phishing.csv')
```

6. Before running the trained_model.py file delete the already existing gradient_boost.pkl file to get the new updated pickle file.
7. Then run the trained_model.py file.

8. Changes in settings.py file :

- Change path of Templates folder in DIRS object as per your Templates folder path in the following code

```
TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': ['DeployModel/templates'],
```

- Change path of static folder as per your static folder path in the following code

```
STATICFILES_DIRS = [
    "C:\\Users\\User\\Downloads\\DeployModelProject\\DeployModelProject\\Deplo
yModel\static"
]
```

9. Now open DeployModelProject using following command in your vs code terminal (cmd)
    - Pip install django
    - py manage.py runserver
10. Now click on the link generated by the server to view the website.