

```
from flask import Flask, render_template
```

In [2]:

```
from flask import request
```

In [3]:

```
import numpy as np
import pandas as pd
from sklearn.linear_model import LogisticRegression
import pickle
import joblib
import inputScript
```

Integrating Flask with Model

In [32]:

```
app = Flask(__name__)
model = pickle.load(open('model.pkl','rb'))
@app.route('/')
def home():
    return render_template('phishing.html')

@app.route('/predict',methods=['POST'])
def predict():
    return render_template('home.html')

@app.route('/result',methods=['POST'])
def result():
    #For rendering results on HTML GUI
    int_features = request.form['url']
    print(int_features)
    checkprediction = inputScript.main(int_features)
    prediction = classifier.predict(checkprediction)
    print(prediction)
    res=""
    if(prediction==1):
        res=int_features+" is not safe to enter"
    elif(prediction==-1):
        res=int_features+" is safe to enter"
    return render_template('home.html', prediction_text= res)

if __name__ == '__main__':
    app.run()

* Serving Flask app '__main__' (lazy loading)
* Environment: production
  Use a production WSGI server instead.
* Debug mode: off
```

```
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - - [11/Nov/2022 21:35:04] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [11/Nov/2022 21:35:04] "GET /static/images/phish.png
HTTP/1.1" 304 -
127.0.0.1 - - [11/Nov/2022 21:35:04] "GET /static/images/about.png
HTTP/1.1" 304 -
127.0.0.1 - - [11/Nov/2022 21:35:04] "GET /static/images/bg1.jpg HTTP/1.1"
304 -
127.0.0.1 - - [11/Nov/2022 21:35:04] "GET /static/images/bg6.jpeg
HTTP/1.1" 304 -
127.0.0.1 - - [11/Nov/2022 21:36:25] "POST /predict HTTP/1.1" 200 -
127.0.0.1 - - [11/Nov/2022 21:36:25] "GET /static/images/urlbg2.jpg
HTTP/1.1" 304 -
```

<https://www.binance-co.com/>

```
127.0.0.1 - - [11/Nov/2022 21:37:13] "POST /result HTTP/1.1" 200 -
127.0.0.1 - - [11/Nov/2022 21:37:13] "GET /static/images/urlbg2.jpg
HTTP/1.1" 304 -
```

```
module 'whois' has no attribute 'whois'
final op: [[0, -1, 0, -1, 0, 1, -1, 0, 0, 0, 0, -1, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0]]
[1]
```

<https://www.google.com/>

```
127.0.0.1 - - [11/Nov/2022 21:38:29] "POST /result HTTP/1.1" 200 -
127.0.0.1 - - [11/Nov/2022 21:38:29] "GET /static/images/urlbg2.jpg
HTTP/1.1" 304 -
```

```
module 'whois' has no attribute 'whois'
final op: [[0, -1, 0, -1, 0, -1, -1, 0, 0, 0, 0, -1, 0, 0, 0, 0, 0, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0]]
[-1]
```

In []:

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