

Flask App (Step - 1)

Build the python flask app

In the flask application, the URL is taken from the HTML page and it is scraped to get the different factors or the behavior of the URL. These factors are then given to the model to know if the URL is phishing or safe and is sent back to the HTML page to notify the user.

Input the following commands to Import required libraries

```
1  import numpy as np
2  from flask import Flask, request, jsonify, render_template
3  import pickle
4  #importing the inputScript file used to analyze the URL
5  import inputScript
```

Load the model and initialize Flask App

```
8  #load model
9  app = Flask(__name__)
10 model = pickle.load(open('Phishing_Website.pkl', 'rb'))
11
```