

# FLASK APP – STEP: 1

## FLASK:

- Flask is a web application framework written in Python.
- Flask is based on the Werkzeug WSGI toolkit and Jinja2 template engine.
- Both are Pocco projects.

## INSTALLATION:

- a. We require two packages to set up your environment.
- b. *virtualenv* for a user to create multiple Python environments side-by-side.
- c. Thereby, it can avoid compatibility issues between the different versions of the libraries and the next will be *Flask* itself.

## SYNTAX:

### virtualenv

pip install virtualenv

### Create Python virtual environment

virtualenv venv

### Activate virtual environment

windows > venv\Scripts\activate

linux > source ./venv/bin/activate

### Flask

pip install Flask

## STEPS IN INSTALLATION OF FLASK:

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
```