Steps to install Flask and run a web application on it:

* go to the python vala scripts folder, install virtual environment: **pip install virtualenv**

After installation

* + create a folder for your project
  + cd to that folder
  + in this folder we’ll set up the environment:
    - command: **virtualenv venv**(or any name you wanna give)

**cd venv**

* + - You'll see that you have a scripts folder present in the folder in which you’ve created your virtual environment I.e venv

Cd to this scripts folder I.e cd scripts

* + - Activate the virtual env:

Command: **activate**

* + - After activating install flask

Command: **pip install flask**

* There are 4 main files that play an important role in deployment of a machine learning model onto the web:
  + index.html: this file is where we’ll give all the inputs, it should be present in a folder called as ‘templates’
  + app.py: acts as a connector between model and html file
  + model.py this will have your machine learning model code, model.py should be run once before executing the file app.py, because it’ll create file called as model.pkl
  + model.pkl:this will be loaded when app.py is executing(idk what it actually has... google it please)
  + It should also have your csv file

(I’ll give you a video link using which I've done all this, (it’ll help you understand the code) refer to this:

https://youtu.be/UbCWoMf80PY

Note:video shows creation of some extra files like request.py etc which I’ve excluded)

* Running and executing this project
  + So we were in ‘venv’ folder: type this command “python app.py”
  + You’ll get following lines:

C:\Users\saksh\Desktop\flskeg\venv>python app.py

\* Serving Flask app "app" (lazy loading)

\* Environment: production

WARNING: This is a development server. Do not use it in a production deployment.

Use a production WSGI server instead.

\* Debug mode: on

\* Restarting with stat

\* Debugger is active!

\* Debugger PIN: 240-750-906

\* Running on **http://127.0.0.1:5000/** (Press CTRL+C to quit)

* + Copy the highlighted url and run it in browser it’ll take you to index.html
  + Give the inputs and submit... boom you’ll get the output hahah
  + The problem is we need to predict 5 best colleges we’re getting only 1... I couldn’t find solution for that
  + Try it out if you can
  + That’s all I could do