

Run The Application

TOPIC : AI powered nutrition analyzer for fitness enthusiast

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- In Visual Studio open the integrated terminal.
- Now type the “python app.py” command.
- It will show the local host where your app is running on <http://127.0.0.1:5000/>
- Ctr+Click the URL. It does navigate to where you can view your web page.
- **Enter the values, click on the predict button and see**

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e result/prediction on the web page.

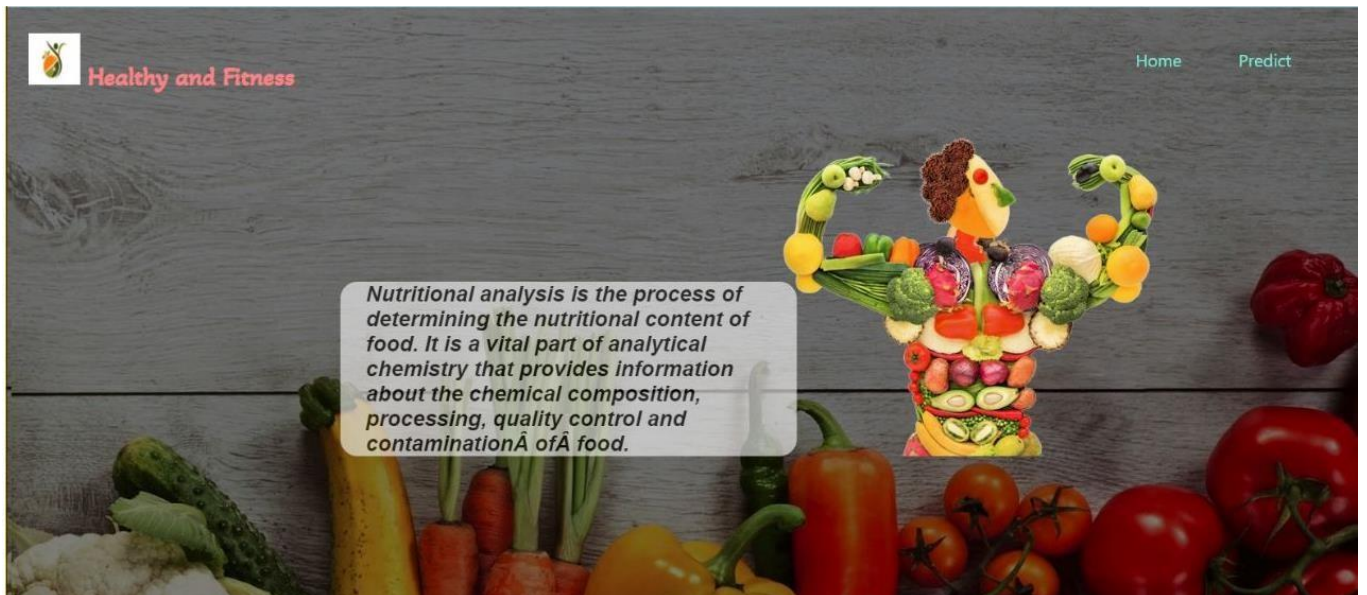
- **Then it will run on localhost:5000**

```
PS D:\IBM Proj\Nutrition Analyzer> python app.py
2022-11-18 09:30:57.921283: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; dlderror: cudart64_110.dll not found
2022-11-18 09:30:57.922769: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dlerror if you do not have a GPU set up on your machine.
2022-11-18 09:31:01.134670: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'nvcuda.dll'; dlderror: nvcuda.dll not found
2022-11-18 09:31:01.135439: W tensorflow/stream_executor/cuda/cuda_driver.cc:326] failed call to cuInit: UNKNOWN ERROR (303)
2022-11-18 09:31:01.142146: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:169] retrieving CUDA diagnostic information for host: Ishwarya
2022-11-18 09:31:01.143014: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:176] hostname: Ishwarya
2022-11-18 09:31:01.144128: I tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
Loaded model from disk
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [18/Nov/2022 09:31:06] "GET / HTTP/1.1" 200 -
```

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

- Navigate to the localhost (<http://127.0.0.1:5000/>) where you can view your web page.
- Click on the classify button to see the result

Output screenshots:



Predict Fruits and its Nutrition



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Predict Fruits and its Nutrition



The given fruit is APPLES Calories-96, Protein - 0.59g, Carbohydrate 25g, Fats -0.39g, Dietary Fiber 4.4g, Sugar 14 g, Sodium 18mg, Potassium 194.7mg

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