

APPLICATION BUILDING

PROJECT TITLE: AI-powered Nutrition Analyzer for Fitness Enthusiasts

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RUN THE APPLICATION:

Open the anaconda prompt from the start menu.

Navigate to the folder where your app.py resides.

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/>

Copy that localhost URL and open that URL in the browser. It does navigate to where you can view your web page.

Enter the values, click on the predict button and see the result/prediction on the web page.

```
C:\Users\sujatha.k>cd Downloads\Srivishali application Building  
C:\Users\sujatha.k\Downloads\Srivishali application Building>python app.py
```

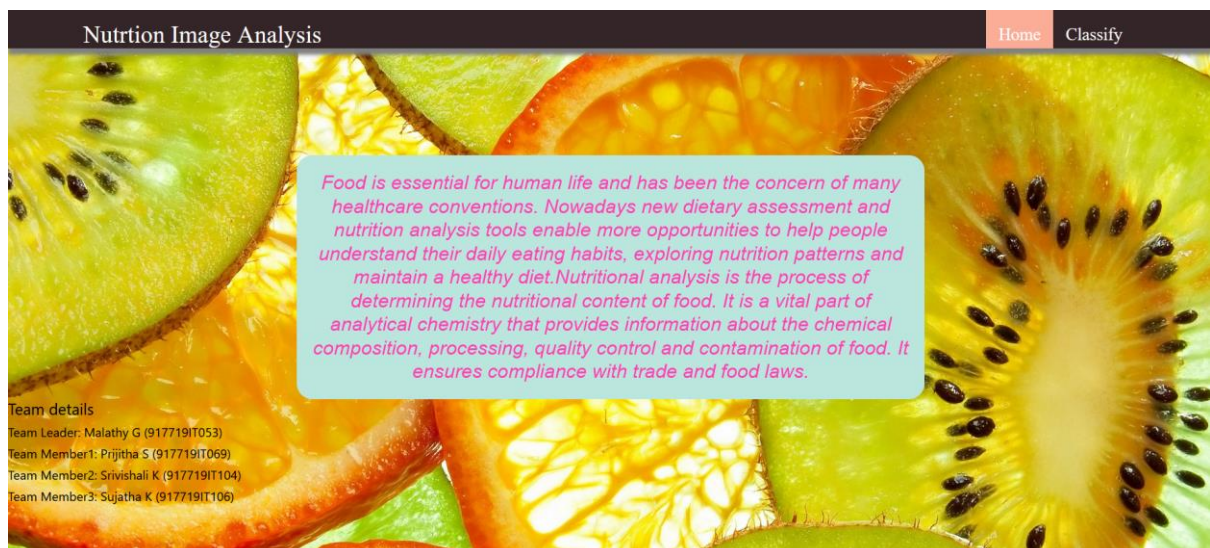
Then it will run on localhost:5000

```
2022-11-18 17:39:19.926104: I tensorflow/core/platform/cpu...  
h oneAPI Deep Neural Network Library (oneDNN) to use the  
AVX AVX2  
To enable them in other operations, rebuild TensorFlow wi...  
Loaded model from disk  
* Serving Flask app 'app'  
* Debug mode: off  
WARNING: This is a development server. Do not use it in a...  
* Running on http://127.0.0.1:5000
```

Navigate to the localhost (<http://127.0.0.1:5000/>) where you can view your web page.

Click on classify button to see the results.

Output screenshots:



Upload image to classify

Choose...



Food Classified is:

WATERMELON

```
[{'sugar_g': 6.2, 'fiber_g': 0.4, 'serving_size_g': 100.0, 'sodium_mg': 0, 'name': 'watermelon', 'potassium_mg': 10, 'fat_saturated_g': 0.0, 'fat_total_g': 0.1, 'calories': 30.3, 'cholesterol_mg': 0, 'protein_g': 0.6, 'carbohydrates_total_g': 7.4}]
```

Upload image to classify

Choose...



Food Classified is:

PINEAPPLE

```
[{'sugar_g': 9.9, 'fiber_g': 1.4, 'serving_size_g': 100.0, 'sodium_mg': 0, 'name': 'pineapple', 'potassium_mg': 8, 'fat_saturated_g': 0.0, 'fat_total_g': 0.1, 'calories': 50.8, 'cholesterol_mg': 0, 'protein_g': 0.5, 'carbohydrates_total_g': 13.0}]
```

Upload image to classify

Choose...



Food Classified is:

BANANA

```
[{'sugar_g': 12.3, 'fiber_g': 2.6, 'serving_size_g': 100.0, 'sodium_mg': 1, 'name': 'banana', 'potassium_mg': 22, 'fat_saturated_g': 0.1, 'fat_total_g': 0.3, 'calories': 89.4, 'cholesterol_mg': 0, 'protein_g': 1.1, 'carbohydrates_total_g': 23.0}]
```

Upload image to classify

Choose...



Food Classified is:

APPLE

```
{('sugar_g': 10.3, 'fiber_g': 2.4, 'serving_size_g': 100.0, 'sodium_mg': 1, 'name':  
'apple', 'potassium_mg': 11, 'fat_saturated_g': 0.0, 'fat_total_g': 0.2, 'calories': 53.0,  
'cholesterol_mg': 0, 'protein_g': 0.3, 'carbohydrates_total_g': 14.1)}
```