

Run The Application

Date	1November 2022
Team ID	PNT2022TMID22371
Project Name	AI-powered Nutrition Analyzer for FitnessEnthusiasts

- 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.**

```
(base) C:\Users\DELL>cd C:\Users\DELL\Desktop\Desk Files\Nutrition Analysis Using Image Classification\Flask
(base) C:\Users\DELL\Desktop\Desk Files\Nutrition Analysis Using Image Classification\Flask>python app.py
```

- Then it will run on localhost:5000

```
* 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 classify button to see the results.

Output screenshots:




Nutrition Image Analysis

HomeClassify

Upload image to classify

Choose...



Food Classified is:

APPLES

[[{"sugar_g": 10.3, "fiber_g": 2.4, "serving_size_g": 100.0, "sodium_mg": 1, "name": "apples", "potassium_mg": 11, "fat_saturated_g": 0.0, "fat_total_g": 0.2, "calories": 53.4, "cholesterol_mg": 0, "protein_g": 0.3, "carbohydrates_total_g": 13.8}]]

Activate your account

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Nutrition Image Analysis

HomeClassify

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}]]

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Nutrition Image Analysis

HomeClassify

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": 23.2}]]

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