RUN THE APPLICATION

Run the app.py file to execute 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.

```
(base) C:\Users\Jasim\IBM\Project\AI-Powered Nutrition Analyser for Fitness Enthusiasts\Flask\uploads>python app.py
2022-11-20 00:16:46.954488: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library
 (oneDNN) to use the following CPU instructions in performance-critical operations:  AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
2022-11-20 00:16:46.964481: I tensorflow/core/common_runtime/process_util.cc:146] Creating new thread pool with default inter op setting: 2. Tune using inte
r_op_parallelism_threads for best performance.
Loaded model from disk
 * 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)
127.0.0.1 - - [20/Nov/2022 00:19:19] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [20/Nov/2022 00:19:21] "GET /static/css/styles.css HTTP/1.1" 200 -
127.0.0.1 - - [20/Nov/2022 00:19:21] "GET /static/images/img.jpg HTTP/1.1" 200 -
127.0.0.1 - - [20/Nov/2022 00:19:21] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [20/Nov/2022 00:19:49] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [20/Nov/2022 00:19:54] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [20/Nov/2022 00:19:56] "GET /image HTTP/1.1" 200 -
127.0.0.1 - - [20/Nov/2022 00:19:56] "GET /static/js/app.js HTTP/1.1" 200 -
```

OUTPUT SCREENSHOTS:

Nutrition Image Analysis

Home   Classify

Nutrition Image Analysis

Home   Classify

Choose an image to classify

Choose

Classify

Output

Food is classified as:

APPLES

{"calories":53.4,"carbohydrates_total_g":13.8,"cholesterol_mg":0,"fat_saturated_g":0,"fat_total_g":0.2,"fiber_g":2.4,"name":"apples","potassium_mg":11,"protein_g":0.3,"serving_size_g":100,"sodium_mg":1,"sugar_g":10.3}

Nutrition Image Analysis

Home   Classify

Choose an image to classify

Choose

Classify

Output

Food is classified as:

PINEAPPLE

{"calories":50.8,"carbohydrates_total_g":13,"cholesterol_mg":0,"fat_saturated_g":0,"fat_total_g":0.1,"fiber_g":1.4,"name":"pineapple","potassium_mg":8,"protein_g":0.5,"serving_size_g":100,"sodium_mg":0,"sugar_g":9.9}

Choose an image to classify

Choose

Classify

Output

Food is classified as:

WATERMELON

{"calories":30.3,"carbohydrates_total_g":7.4,"cholesterol_mg":0,"fat_saturated_g":0,"fat_total_g":0.1,"fiber_g":0.4,"name":"watermelon","potassium_mg":10,"protein_g":0.6,"serving_size_g":100,"sodium_mg":0,"sugar_g":6.2}

Choose an image to classify

Choose

Classify

Output

Food is classified as:

BANANA

{"calories":89.4,"carbohydrates_total_g":23.2,"cholesterol_mg":0,"fat_saturated_g":0.1,"fat_total_g":0.3,"fiber_g":2.6,"name":"banana","potassium_mg":22,"protein_g":1.1,"serving_size_g":100,"sodium_mg":1,"sugar_g":12.3}

Choose an image to classify

Choose

Classify

Output

Food is classified as:

ORANGE

{"calories":50.4,"carbohydrates_total_g":12.4,"cholesterol_mg":0,"fat_saturated_g":0,"fat_total_g":0.1,"fiber_g":2.2,"name":"orange","potassium_mg":23,"protein_g":0.9,"serving_size_g":100,"sodium_mg":1,"sugar_g":8.4}