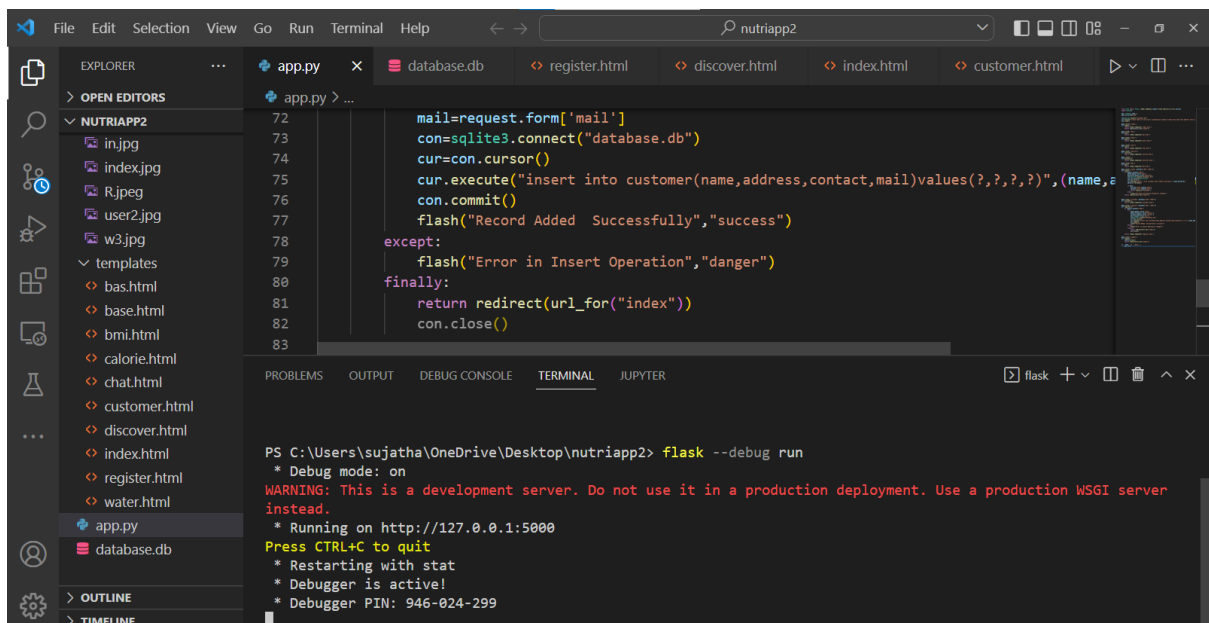


Setting up application environment

Project name-Nutrition Assistant Application

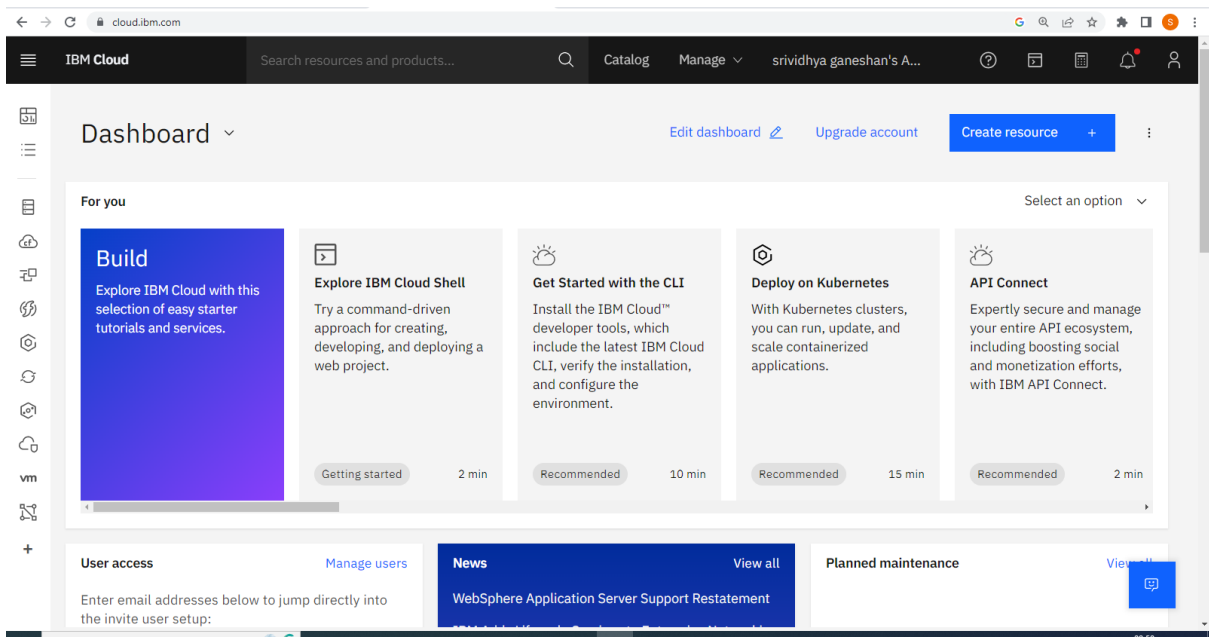
Team id - PNT2022TMID48368

Create flask project

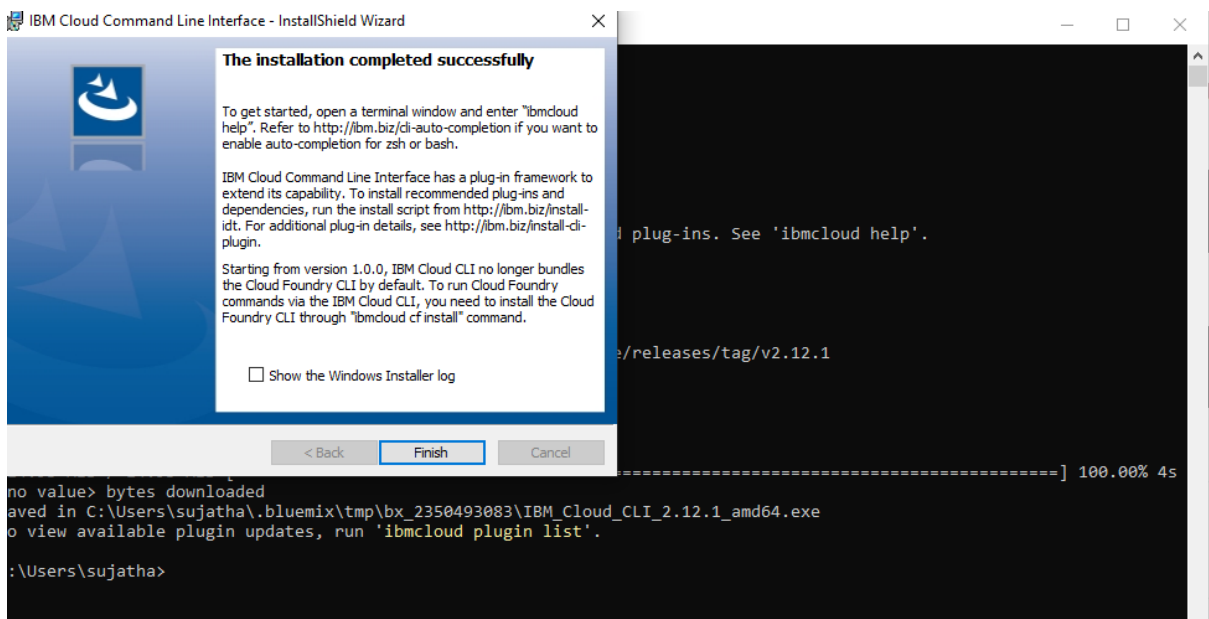


```
File Edit Selection View Go Run Terminal Help
nutriapp2
EXPLORER
OPEN EDITORS
NUTRIAPP2
in.jpg
index.jpg
R.jpeg
user2.jpg
w3.jpg
templates
bas.html
base.html
bmi.html
calorie.html
chat.html
customer.html
discover.html
index.html
register.html
water.html
app.py
database.db
app.py
72
73
74
75
76
77
78
79
80
81
82
83
mail=request.form['mail']
con=sqlite3.connect("database.db")
cur=con.cursor()
cur.execute("insert into customer(name,address,contact,mail)values(?,?,?,?)",(name,a
con.commit()
flash("Record Added Successfully","success")
except:
flash("Error in Insert Operation","danger")
finally:
return redirect(url_for("index"))
con.close()
TERMINAL
flask
PS C:\Users\sujatha\OneDrive\Desktop\nutriapp2> flask --debug run
* Debug mode: on
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
* Restarting with stat
* Debugger is active!
* Debugger PIN: 946-024-299
```

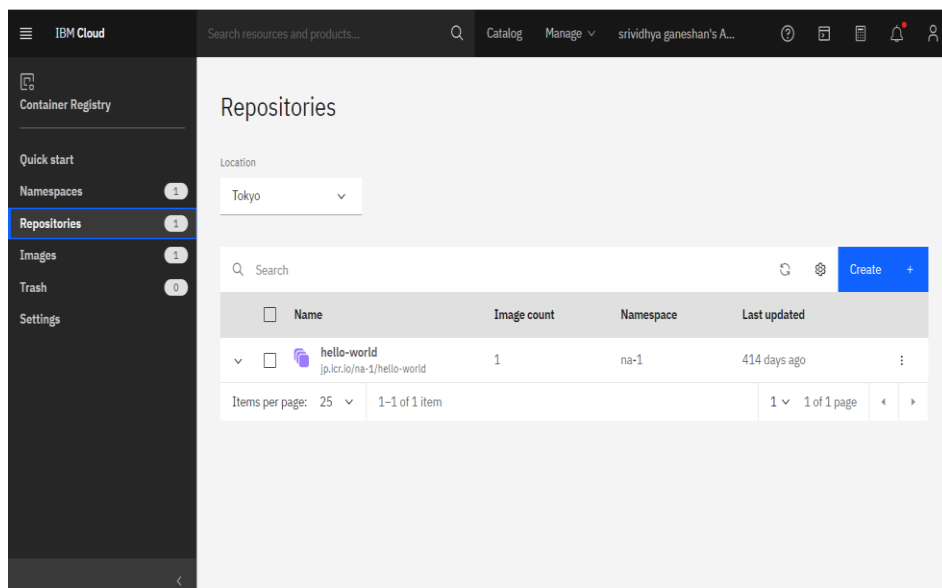
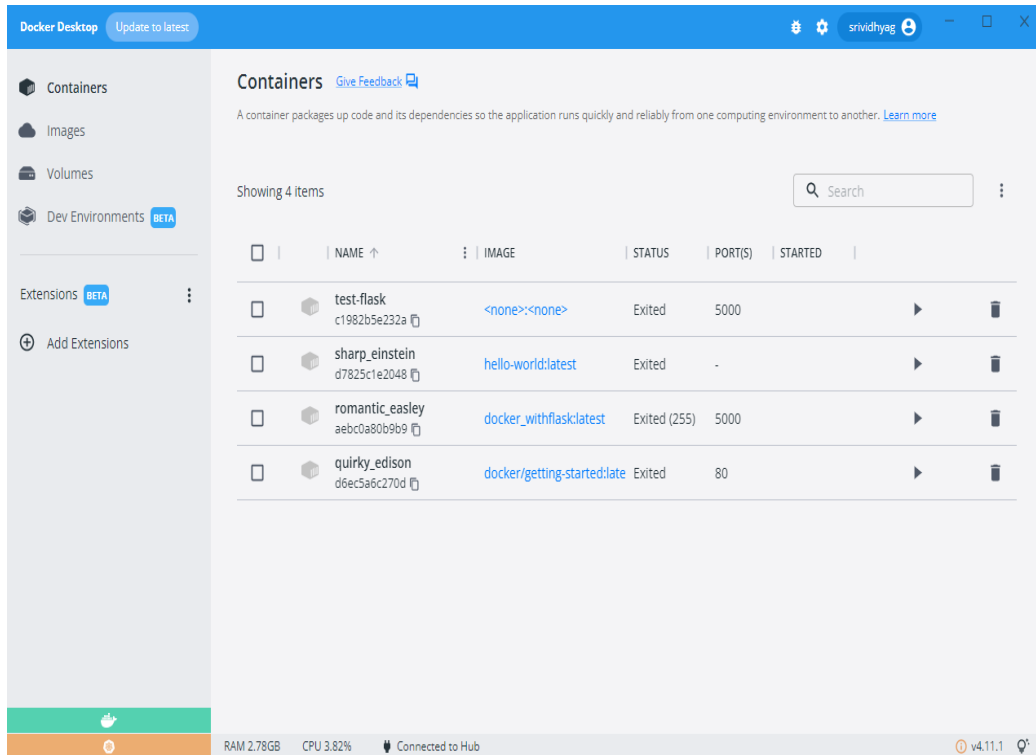
Create IBM cloud account



Install IBM cloud cli



Docker cli installation



Account in sendgrid

srividhya.ganeshe

Dashboard

Email API

Dynamic Templates

Integration Guide

Marketing

Design Library

Stats

Activity

Suppressions

Settings

Twilio SMS

REPUTATION 100%

Setup Guide / Integrate / Web API / Python

Integrate using our Web API or SMTP Relay

Overview

Integrate

Verify

All languages

How to send email using Python

1 Make sure you have the prerequisites

Our library requires Python 2.6, 2.7, 3.4 or 3.5.

2 Create an API key

This allows your application to authenticate to our API and send mail. You can enable or disable additional permissions on the API keys page.

"nutriapp" was successfully created and added to the next step.

SG.xXj_Y1X8TcygmK7ht0to6Jw..mCkgV1bPS88R3uVU6DyLL3n1jybU8ra9abSRT_2bs

3 Create an environment variable

Update your development environment with your SENDGRID_API_KEY. Run the following in your shell:

1 echo "export SENDGRID_API_KEY='SG.xXj_Y1X8TcygmK7ht0to6Jw..mCkgV1bPS88R3uVU6DyLL3n1jybU8ra9abSRT_2bs'" > sendgrid.env

2 echo "sendgrid.env" >> .gitignore

3 source ./sendgrid.env

4 Install the package

Install sendgrid-python and its dependencies using pip.

1 pip install sendgrid

Account in clarifai

clarifai.com/nutriapp/nutriapp/workflows/Food

My Apps Community

Switch to Legacy Portal

Create an App

SG

N nutriapp / nutriapp

Overview

App Settings

AI RESOURCES

Inputs BETA

App Models

App Workflows

SCRIBE

Labeler Tasks BETA

nutriapp nutriapp Food

A workflow that combines detection, classification, and embedding functions to visually classify food items and enable visual search using embeddings.

Overview

food-item-v1-recognition

Filter by concept

bacon 0.97

cheese 0.938

bun 0.866

cheddar 0.862

onion 0.837

beef 0.835

blue cheese 0.828

butter 0.813

jam 0.799

hamburger 0.781

sauce 0.778

tomato 0.762

bricche 0.649

parmesan 0.619


garlic 0.619

ketchup 0.619

mushroom 0.619

pork 0.619


pretzel 0.619


Search for APIs

Recipe - Food - Nutrition
FREEMIUM
Verified

[Endpoints](#)
[About](#)
[Tutorials](#)
[Discussions](#)
[Pricing](#)

NOTE: Since this method combines searching by query, by ingredients, and by nutrients into one endpoint, each request counts as 3 requests.


Personal Account
19CSE4044 Srividhya.G

RapidAPI App
default-application_6808706

REQUIRED

Request URL
rapidapi.com

REQUIRED

Header Parameters

X-RapidAPI-Key
2a05a4834msh465c44a16716cd5p1f6862snf86740a@

ENUM
REQUIRED

X-RapidAPI-Host
spoonacular-recipe-food-nutrition-v1.p.rapidapi.com

STRING
REQUIRED

Required Parameters

```

const axios = require('axios');

const options = {
  method: 'GET',
  url: 'https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/recipes/complexSearch',
  params: {
    query: 'pasta',
    cuisine: 'italian',
    excludeCuisine: 'greek',
    diet: 'vegetarian',
    intolerances: 'gluten',
    equipment: 'pan',
    includeIngredients: 'tomato,cheese',
    excludeIngredients: 'eggs',
    type: 'main course',
    instructionsRequired: 'true',
    fillIngredients: 'false',
    addRecipeInformation: 'false',
    titleMatch: 'Crock Pot',
    maxReadyTime: '20',
    ignorePantry: 'true',
    sort: 'calories',
    sortDirection: 'asc',
    minCarbs: '10',
    maxCarbs: '100',
    minProtein: '10',
    maxProtein: '100',
    minCalories: '50',
    maxCalories: '800',
    minFat: '10',
    maxFat: '100',
    minAlcohol: '0',
    maxAlcohol: '100',
    minCaffeine: '0',
    maxCaffeine: '100',
  }
};

```