

DEVELOP A PYTHON SCRIPT

Date: 20 OCTOBER 2022

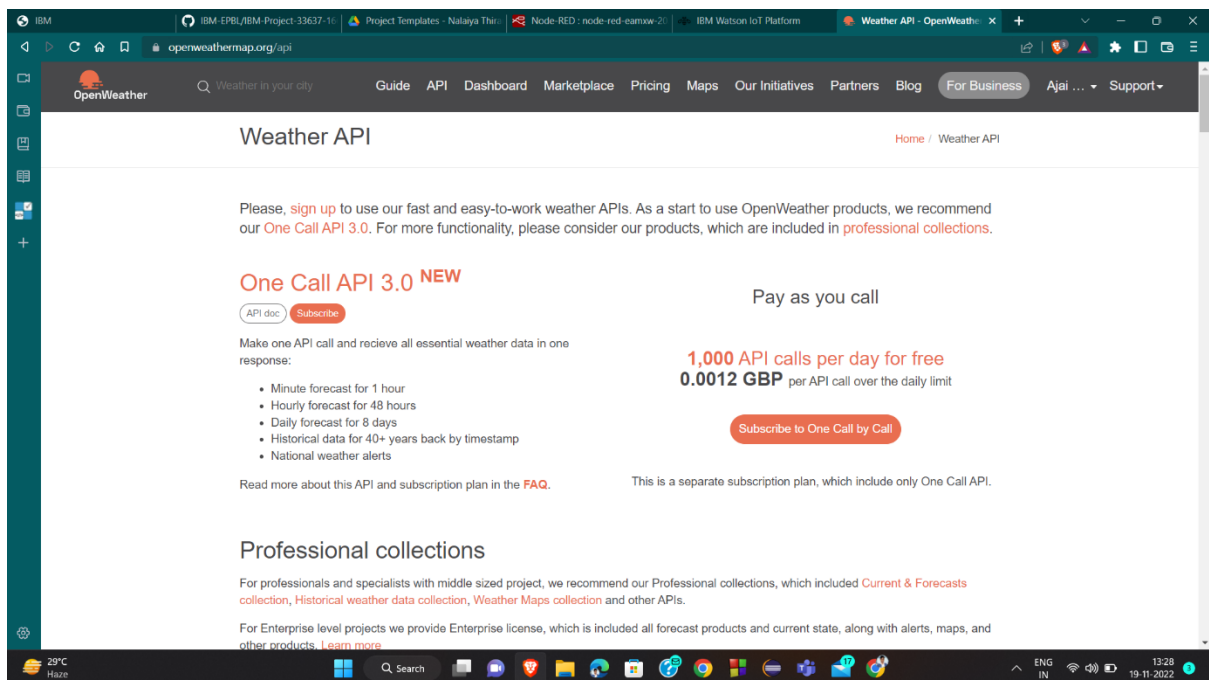
Team ID: PNT2022TMID14814

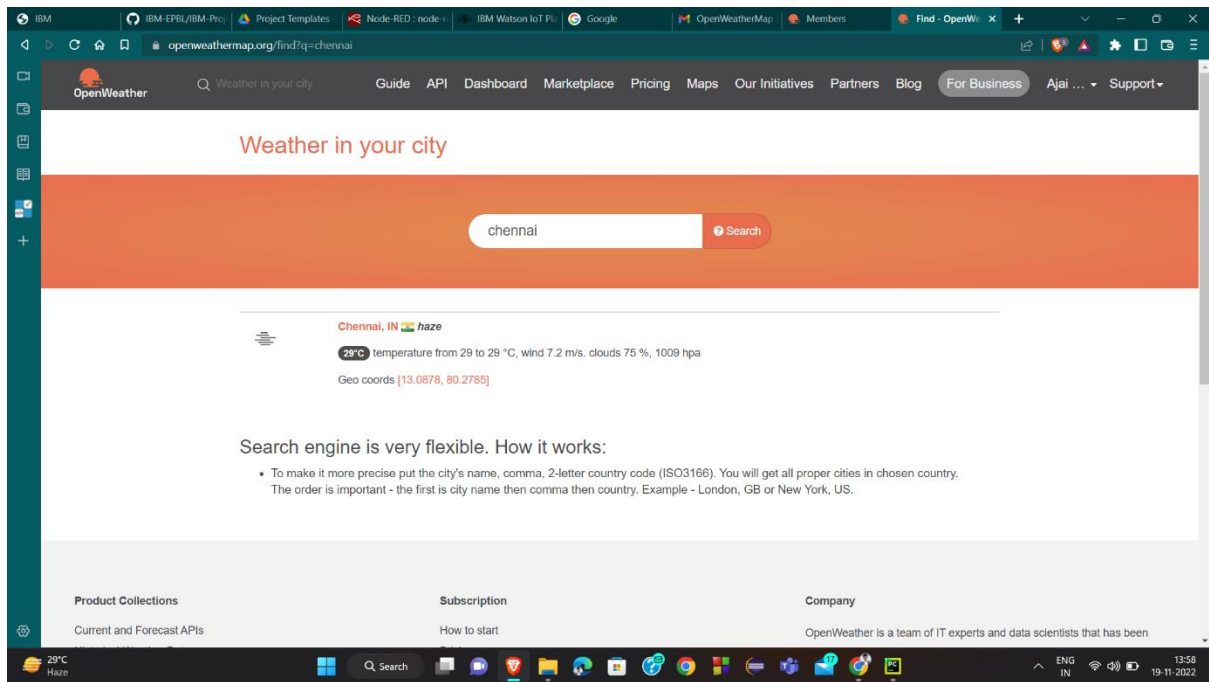
Project Name: Signs with Smart Connectivity for Better Road Safety

Create a code snippet using python complier:

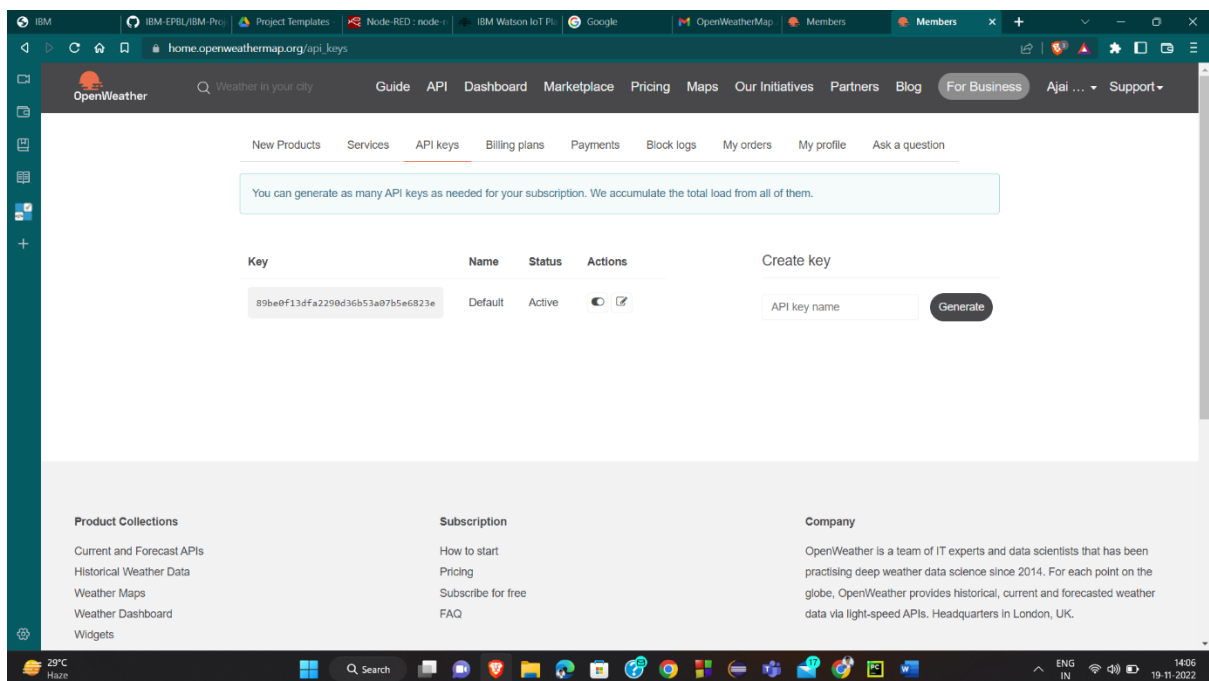
1. Extract the data from the website open weather map using Api.
2. Send the extracted data to the cloud using API keys.
3. Receive the data from the cloud and compile it in python software.

Extract the data from the website open weather map using Api:

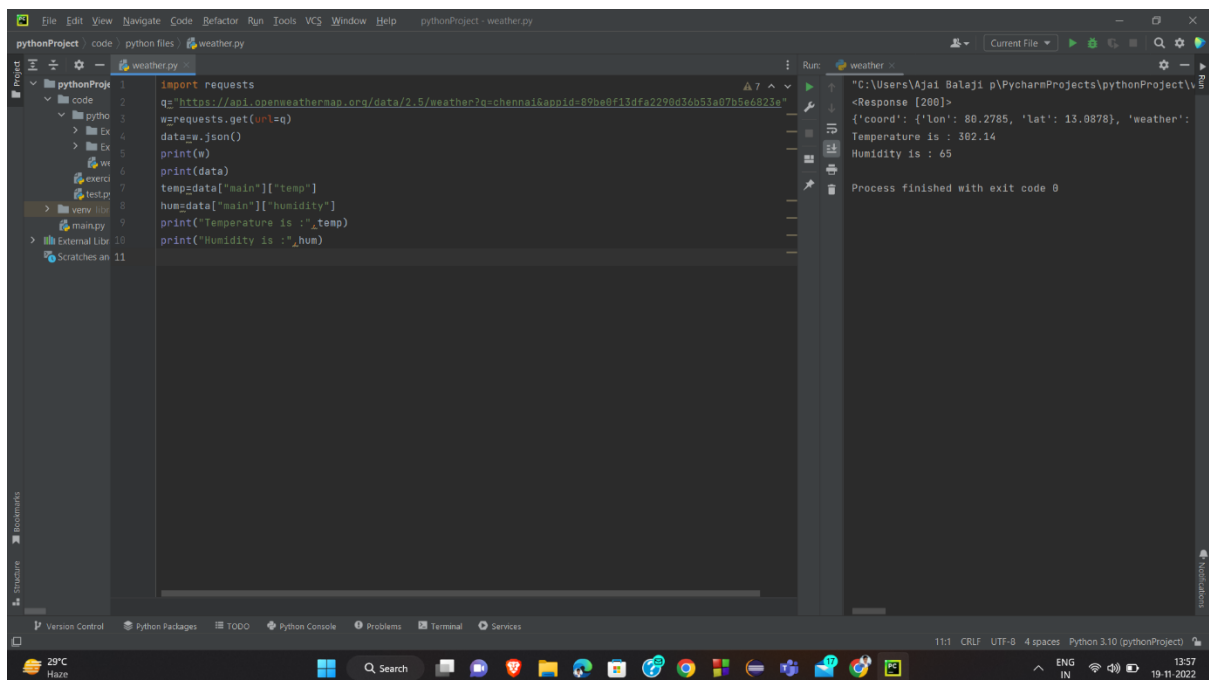




Send the extracted data to the cloud using API keys:



Receive the data from the cloud and compile it in python software:



```
1 import requests
2 q="https://api.openweathermap.org/data/2.5/weather?q=chennai&appid=89be0f13dfa2298d36b53a07b5e6823e"
3 w=requests.get(url=q)
4 data=w.json()
5 print(w)
6 print(data)
7 tempdata["main"]["temp"]
8 humedata["main"]["humidity"]
9 print("Temperature is : ",temp)
10 print("Humidity is : ",hum)
11
```

Run: weather

"C:\Users\Aja1 Balaji p\PycharmProjects\pythonProject\weather.py"

<Response [200]>

{'coord': {'lon': 80.2785, 'lat': 13.0878}, 'weather': {'main': {'temp': 302.14, 'humidity': 65}}, 'name': 'Chennai'}

Process finished with exit code 0