Develop the Python Script

(Develop a Python script)

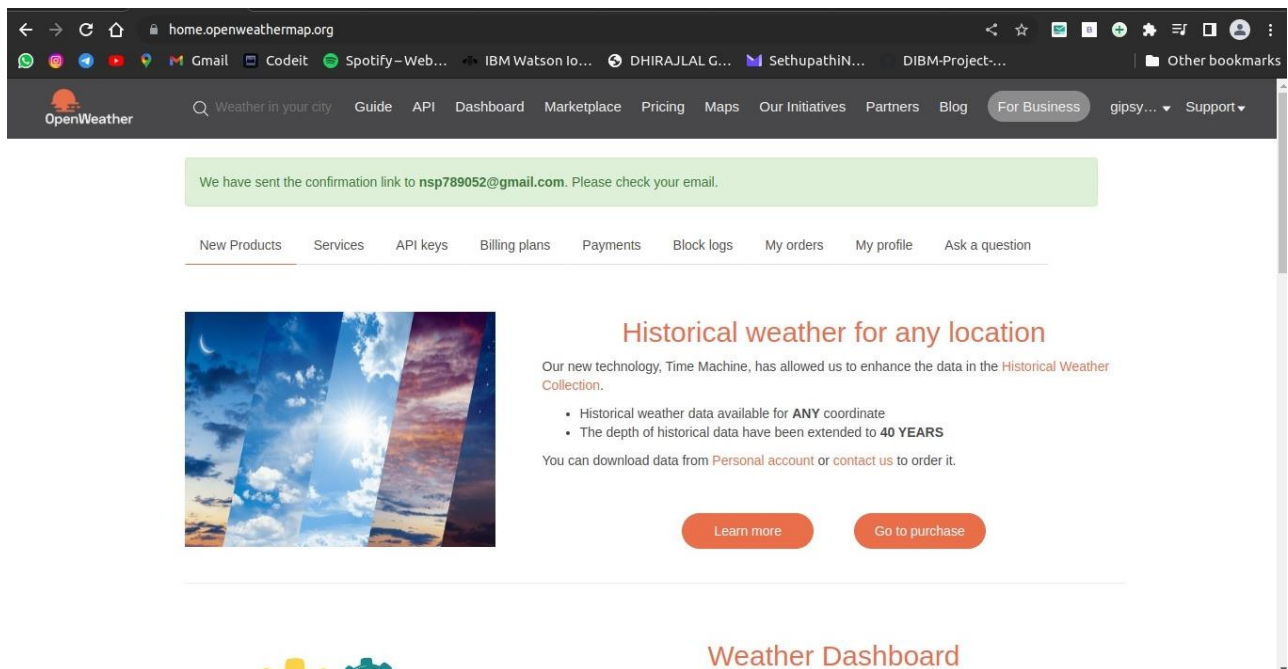**Team ID** : PNT2022TMID25198
IBM ID : IBM-Project-55549-1669130850
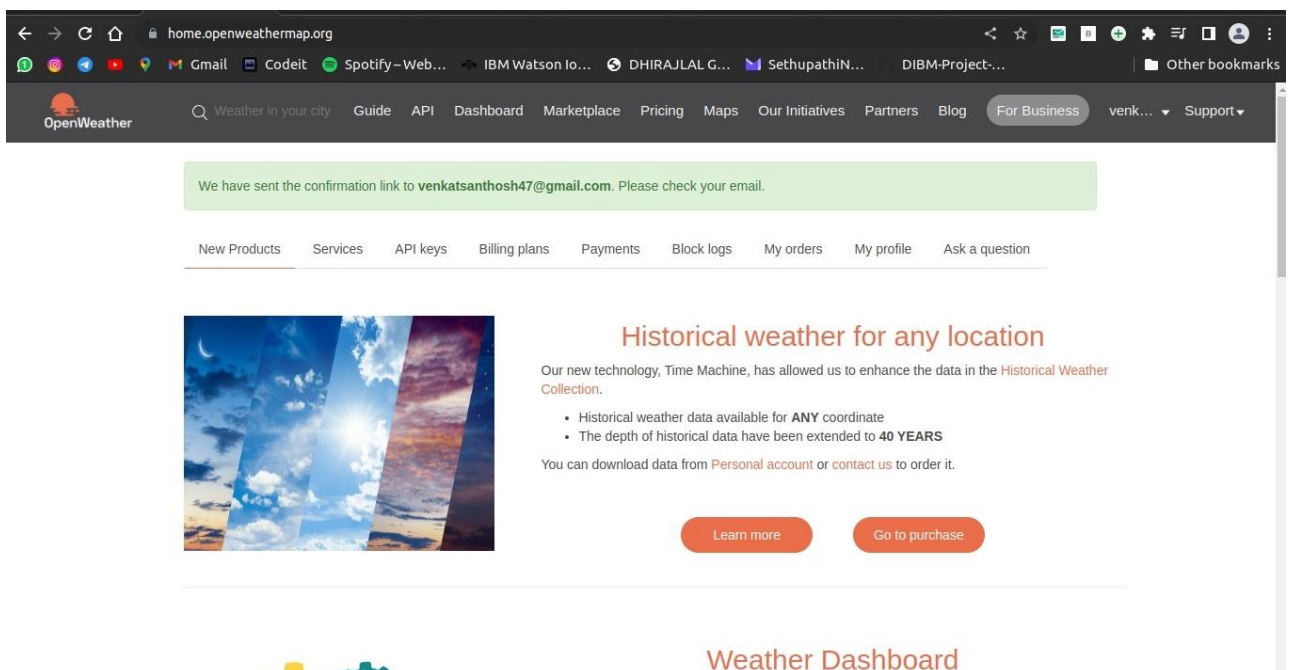Industry-specific intelligent fire management system

Create a code snippet using python to

1. Extract weather data from OpenWeatherMap using APIs
2. Send the extracted data to the cloud
3. Receive data from the cloud and view it in the python compiler

1*Team Member Weather accout ID

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Weather Dashboard

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Weather Dashboard

3* python compiler

{"coord":{"lon":78.1667,"lat":11.65},"weather":[{"id":804,"main":"Clouds","description":"overcast clouds","icon":"04n"}],"base":"stations","main":
{"temp":296.13,"feels_like":296.96,"temp_min":296.13,"temp_max":296.13,"pressure":1012,"humidity":95,"sea_level":1012,"grnd_level":979},"visibility":10000,"wind":
{"speed":1.15,"deg":89,"gust":1.5},"clouds":{"all":100},"dt":1668261480,"sys":
{"country":"IN","sunrise":1668213777,"sunset":1668255603},"timezone":19800,"id":1257629,"name":"Salem","cod":200}

```python
import requests
a="https://api.openweathermap.org/data/2.5/weather?q=Omalur,IN,IN&appid=8185f4665523467898915cea10b4c85f"
r=requests.get(url=a)
data=r.json()
print(r)
print(data)
temp=data["main"]["temp"]
hum=data["main"]["humidity"]
print("Temperature is:",temp)
print("Humidity is:",hum)
```

```
sp@GIPSY:~/Documents$ ls
 bookmarks_11_11_2022.html  'Chrome Passwords.csv'   TBomb    test.py
sp@GIPSY:~/Documents$ python3 test.py
<Response [200]>
{'coord': {'lon': 78.0456, 'lat': 11.741}, 'weather': [{'id': 804, 'main': 'Clou
ds', 'description': 'overcast clouds', 'icon': '04n'}], 'base': 'stations', 'mai
n': {'temp': 295.9, 'feels_like': 296.74, 'temp_min': 295.9, 'temp_max': 295.9,
'pressure': 1012, 'humidity': 96, 'sea_level': 1012, 'grnd_level': 980}, 'visibi
lity': 10000, 'wind': {'speed': 0.92, 'deg': 101, 'gust': 1.13}, 'clouds': {'all
': 100}, 'dt': 1668262548, 'sys': {'country': 'IN', 'sunrise': 1668213814, 'suns
et': 1668255625}, 'timezone': 19800, 'id': 1261049, 'name': 'Omalur', 'cod': 200
}
Temperature is: 295.9
Humidity is: 96
sp@GIPSY:~/Documents$
```