DEVELOP A PYTHON SCRIPT

Date	19 OCT 2022
Team ID	PNT2022TMID45391
Project Name	Project-Industry-specific intelligent fire management system

Submitted by:

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Program:

```
import requests

a=" https://api.openweathermap.org/data/2.5/weather?q=Tiruchirappalli,
IN&appid=cdcf6dfdf110802bc06396b408d863c3"

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)
```
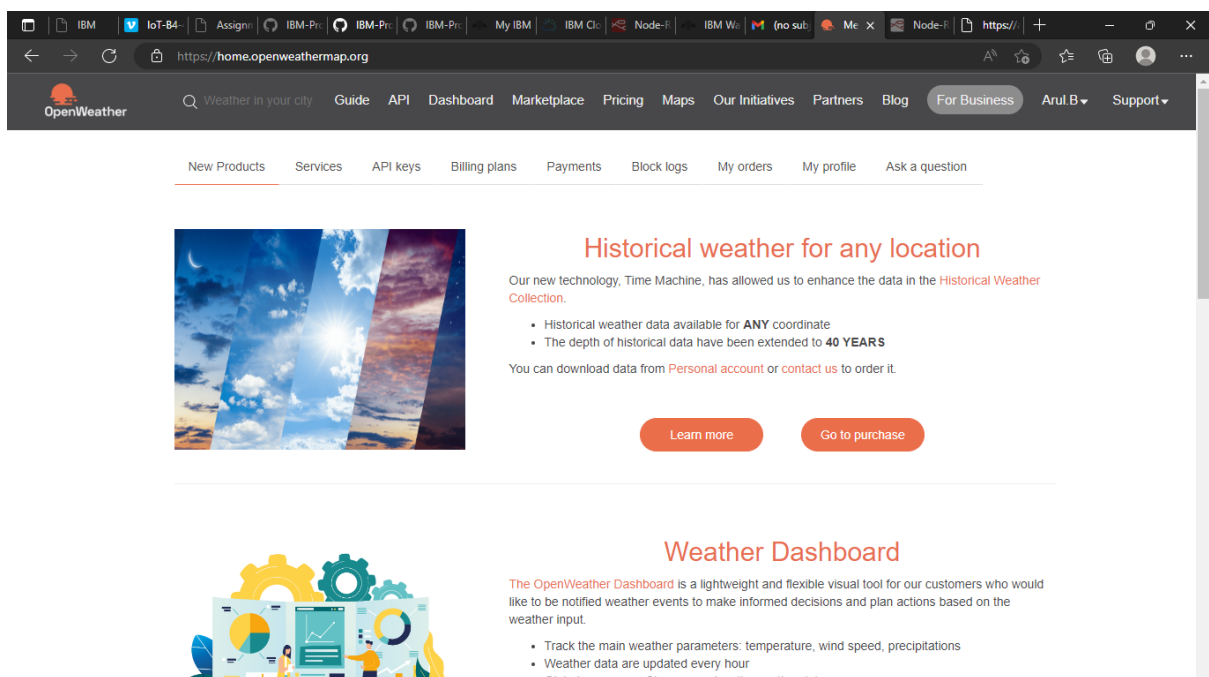
{"coord":{"lon":78.6833,"lat":10.8167},"weather":[{"id":721,"main":"Haze","description":"haze","icon":"50d"}],"base":"stations","main":{"temp":301.21,"feels_like":303.28,"temp_min":301.21,"temp_max":301.21,"pressure":1009,"humidity":65},"visibility":2500,"wind":{"speed":2.06,"deg":70},"clouds":{"all":40},"dt":1668681722,"sys":{"type":1,"id":9227,"country":"IN","sunrise":1668645703,"sunset":1668687531},"timezone":19800,"id":1254388,"name":"Tiruchirappalli","cod":200}

OpenWeather

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Key	Name	Status	Actions
f8a39023c952df488c5108610d9eb6c5	Default	Active	⬤ ✎ ✖
cdcf6dfdf110802bc06396b408d863c3	Tiruchirappalli	Active	⬤ ✎ ✖

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Company

OpenWeather is a team of IT experts and data scientists that has been practising deep weather data science since 2014. For each point on the globe, OpenWeather provides historical, current and forecasted weather data via light-speed APIs. Headquarters in London, UK.

```python
import requests
a="https://api.openweathermap.org/data/2.5/weather?q=Tiruchirappalli,%20IN&appid=cdcf6dfdf110802bc06396b408d863c3"
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)
```

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========================= RESTART: D:/IBM/weather.py =========================
<Response [200]>
{'coord': {'lon': 78.6833, 'lat': 10.8167}, 'weather': [{'id': 721, 'main': 'Haze', 'description': 'haze', 'icon': '50d'}], 'base': 'stations', 'main': {'temp': 301.21
, 'feels_like': 303.28, 'temp_min': 301.21, 'temp_max': 301.21, 'pressure': 1009, 'humidity': 65}, 'visibility': 2500, 'wind': {'speed': 2.06, 'deg': 70}, 'clouds': {'
all': 40}, 'dt': 1668682371, 'sys': {'type': 1, 'id': 9227, 'country': 'IN', 'sunrise': 1668645703, 'sunset': 1668687531}, 'timezone': 19800, 'id': 1254388, 'name': 'T
iruchirappalli', 'cod': 200}
Temperature is: 301.21
Humidity is: 65
>>>
```