

Develop the Python Script

(Develop a Python script)

Team ID : PNT2022TMID26655

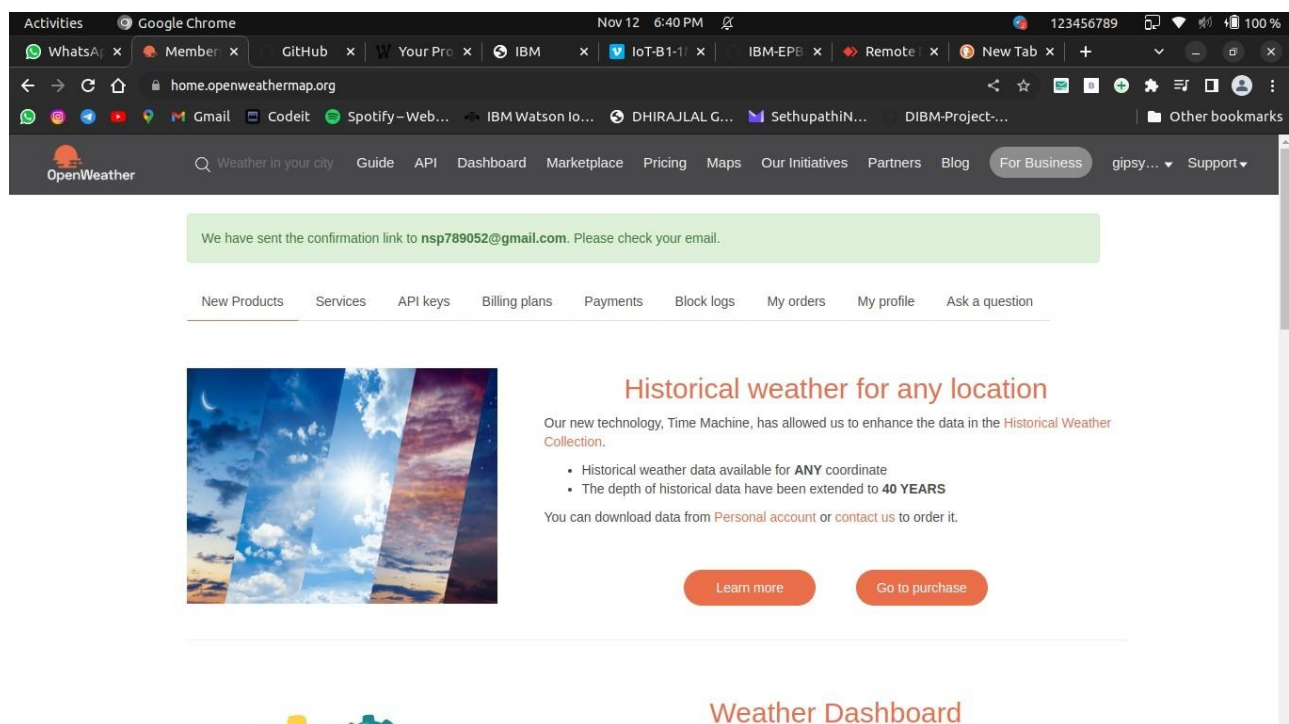
IBM ID : IBM-Project- 31104-1660196244

Industry-specific intelligent fire management system

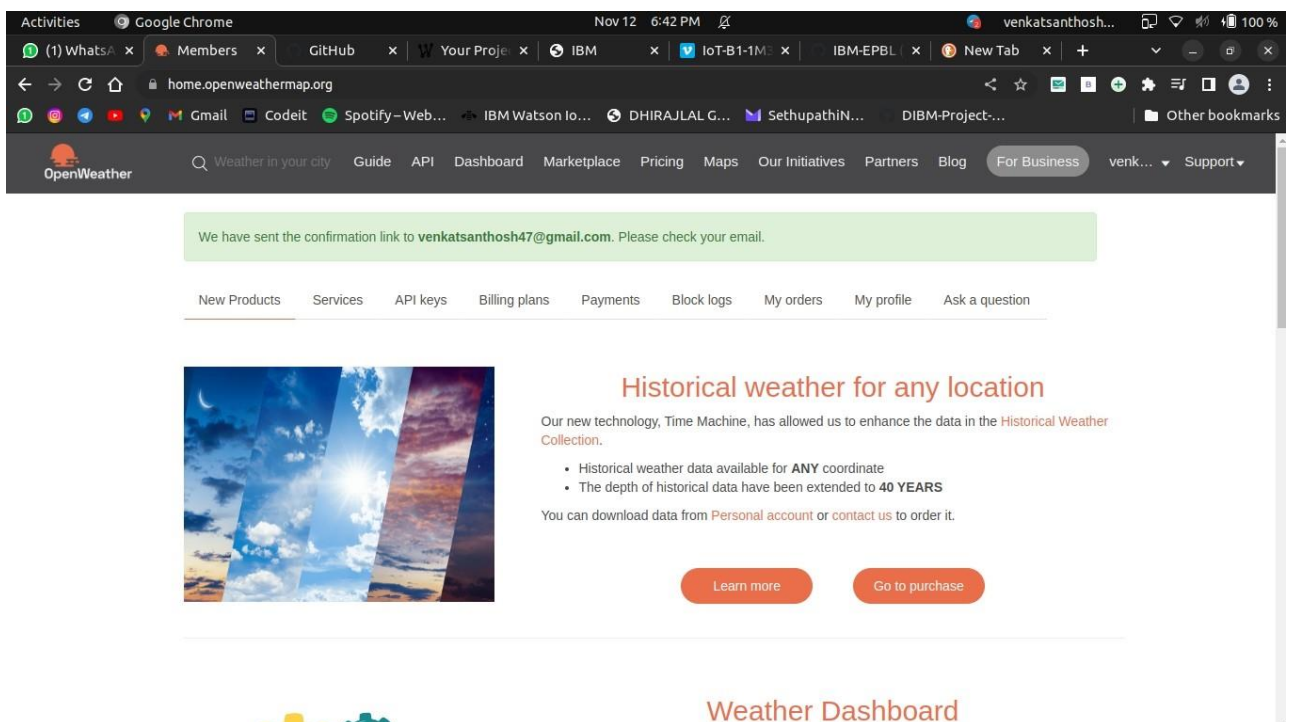
Create a code snippet using python to

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 account ID



The screenshot shows the OpenWeatherMap website in a Google Chrome browser. The address bar displays 'home.openweathermap.org'. A green confirmation message at the top states: 'We have sent the confirmation link to nsp789052@gmail.com. Please check your email.' Below this, a navigation bar includes links for 'New Products', 'Services', 'API keys', 'Billing plans', 'Payments', 'Block logs', 'My orders', 'My profile', and 'Ask a question'. The main content area features a large image of a sunset and the heading 'Historical weather for any location'. Text below the heading describes the 'Time Machine' technology and lists features: 'Historical weather data available for ANY coordinate' and 'The depth of historical data have been extended to 40 YEARS'. It also mentions that data can be downloaded from a 'Personal account' or by contacting them. Two buttons, 'Learn more' and 'Go to purchase', are visible at the bottom of this section. The footer shows a 'Weather Dashboard' link.



This screenshot is identical to the one above, showing the OpenWeatherMap website. The confirmation message now states: 'We have sent the confirmation link to venkatsanthosh47@gmail.com. Please check your email.' The rest of the page content, including the navigation bar, main heading, features list, and buttons, remains the same.


Activities Google Chrome Nov 12 7:13 PM prabuprithvi20...

home.openweathermap.org

OpenWeather Weather in your city Guide API Dashboard Marketplace Pricing Maps Our Initiatives Partners Blog For Business prab... Support

We have sent the confirmation link to prabuprithvi2000@gmail.com. Please check your email.

New Products Services API keys Billing plans Payments Block logs My orders My profile Ask a question




Historical weather for any location

Our new technology, Time Machine, has allowed us to enhance the data in the [Historical Weather Collection](#).

- Historical weather data available for **ANY** coordinate
- The depth of historical data have been extended to **40 YEARS**

You can download data from [Personal account](#) or [contact us](#) to order it.

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Weather Dashboard


Activities Google Chrome Nov 12 7:14 PM vinothkalam212...

home.openweathermap.org

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We have sent the confirmation link to vinothkalam2127@gmail.com. Please check your email.

New Products Services API keys Billing plans Payments Block logs My orders My profile Ask a question




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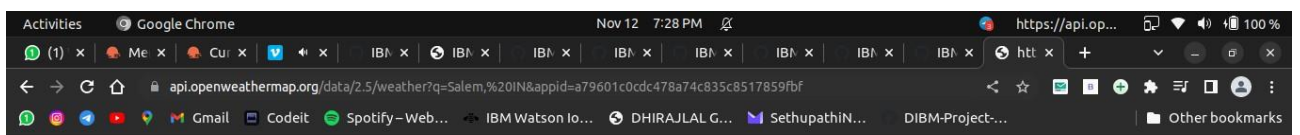
You can download data from [Personal account](#) or [contact us](#) to order it.

[Learn more](#) [Go to purchase](#)



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
  }
}
```

