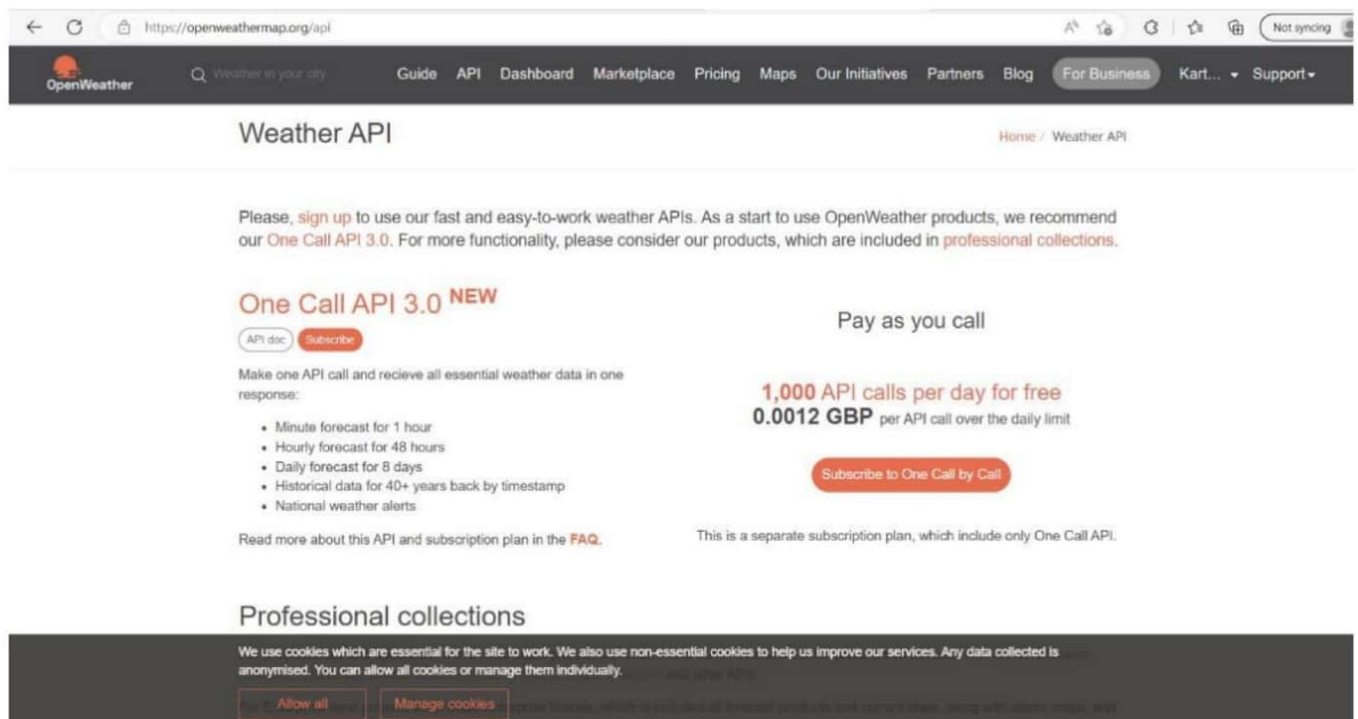


## Create a code snippet using python compiler

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. Extract weather data from OpenWeatherMap using APIs:



The screenshot shows the OpenWeatherMap API page. The browser address bar displays 'https://openweathermap.org/api'. The page has a dark navigation bar with the OpenWeather logo and a search bar. The main heading is 'Weather API'. Below this, a paragraph explains that users should sign up to use the APIs. It recommends the 'One Call API 3.0' and mentions 'professional collections' for more functionality. The 'One Call API 3.0' section is highlighted with a 'NEW' tag and includes a 'Subscribe' button. It lists features: Minute forecast for 1 hour, Hourly forecast for 48 hours, Daily forecast for 8 days, Historical data for 40+ years back by timestamp, and National weather alerts. To the right, the 'Pay as you call' section offers '1,000 API calls per day for free' and '0.0012 GBP per API call over the daily limit', with a 'Subscribe to One Call by Call' button. A footer section titled 'Professional collections' contains a cookie consent message and buttons for 'Allow all' and 'Manage cookies'. The bottom of the page features a dark cookie consent banner with the text: 'We use cookies which are essential for the site to work. We also use non-essential cookies to help us improve our services. Any data collected is anonymised. You can allow all cookies or manage them individually.' and buttons for 'Allow all' and 'Manage cookies'.

OpenWeatherMap API

Please, [sign up](#) to use our fast and easy-to-work weather APIs. As a start to use OpenWeather products, we recommend our [One Call API 3.0](#). For more functionality, please consider our products, which are included in [professional collections](#).

### One Call API 3.0 **NEW**

[API doc](#) [Subscribe](#)

Make one API call and receive all essential weather data in one response:

- Minute forecast for 1 hour
- Hourly forecast for 48 hours
- Daily forecast for 8 days
- Historical data for 40+ years back by timestamp
- National weather alerts

Read more about this API and subscription plan in the [FAQ](#).

### Pay as you call

**1,000 API calls per day for free**  
**0.0012 GBP** per API call over the daily limit

[Subscribe to One Call by Call](#)

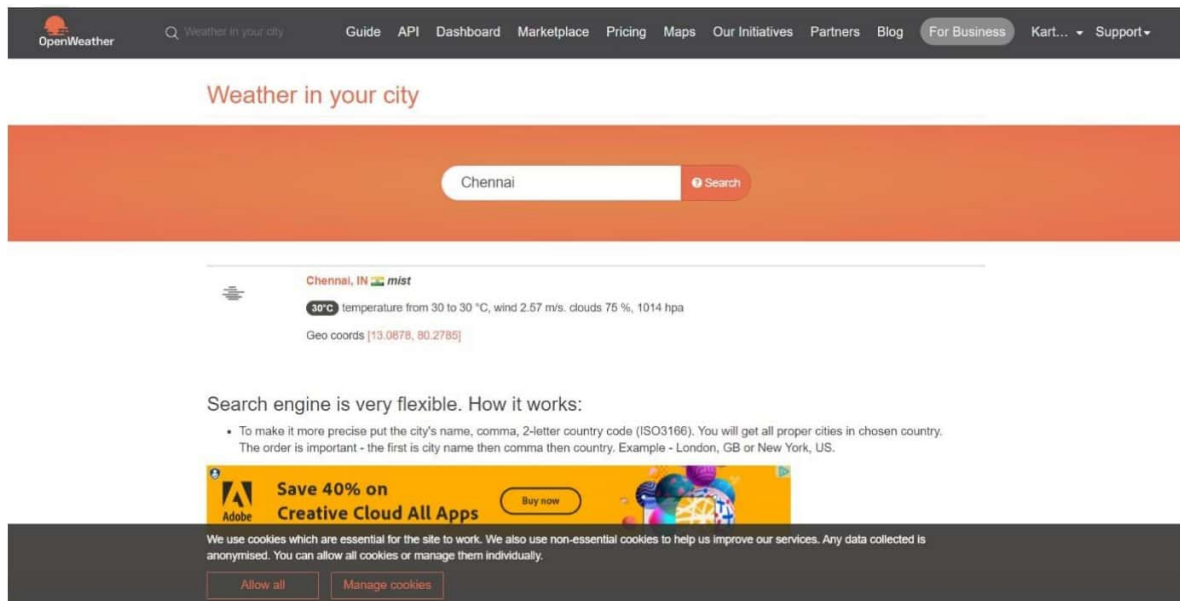
This is a separate subscription plan, which include only One Call API.

### Professional collections

We use cookies which are essential for the site to work. We also use non-essential cookies to help us improve our services. Any data collected is anonymised. You can allow all cookies or manage them individually. [Manage cookies](#)

[Allow all](#) [Manage cookies](#)

## 2. Send the extracted data to the cloud:



## 3. Receive data from the cloud and view it in the python compiler:

