1. **Amazon EC2 Instance**

* To create an AWS EC2 instance, you can opt for a Free Tier eligible instance, and then connect it remotely to your local system or Visual Studio Code using SSH.
* You can check detail steps how to remotely connect EC2 using SSH

In the following article

*https://medium.com/@nikitanikumbh13/how-to-remotely-ssh-connect-visual-studio-code-to-aws-ec2-f21b091ef7f1*

1. **Opnweather API**

 Visit [OpenWeather](https://openweathermap.org/) to access the weather data API.

 **Create an Account** on the website to obtain your **API key**.

 Navigate to the **API** section, select **"Current Weather Data"**, and then open the

**"API docs"** for detailed documentation.

 Build an API request using the city name to extract weather data.

 Use the following URL to fetch weather data for a specific city:

*https://api.openweathermap.org/data/2.5/weather?q={city name}&appid={API key}*

* Replace {city name} with the desired city.
* Replace {API key} with your generated API key.

1. **Airflow**

You need to install Airflow on an EC2 instance. For detailed steps, please refer to the following article.

*https://medium.com/@nikitanikumbh13/step-by-step-guide-how-to-install-apache-airflow-on-an-aws-ec2-instance-d0d5b5283843*