


Chapter 3

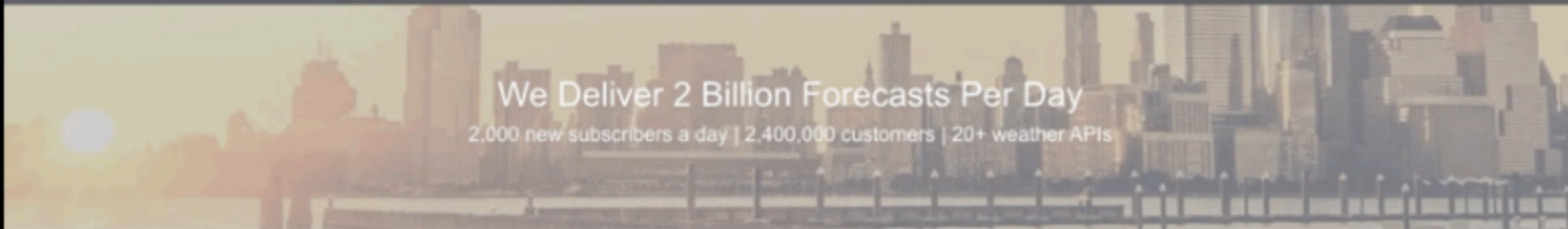
STEP 5

API 링크 만들기

STEP 5 API 링크 만들기


Weather in your city

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Weather in London, GB

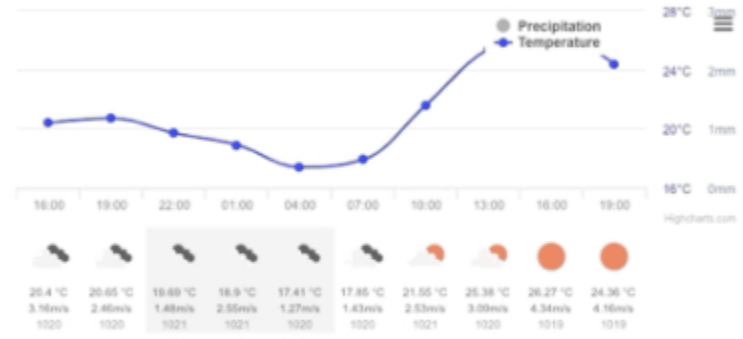
 20.0 °C

Broken clouds

Obtained at 21:46, 16 Jul 2020 [Wrong data?](#)


| | |
|------------|--|
| Local time | 13:46, 16 Jul 2020 |
| Wind | Gentle Breeze 5.1 m/s West-northwest (300 °) |
| Cloudiness | Broken clouds |
| Pressure | 1020 hpa |
| Humidity | 60 % |
| Sunrise | 05:02 |
| Sunset | 21:10 |
| Geo coords | [51.51, -0.13] |

Weather and forecasts in London, GB



| Time | 18:00 | 19:00 | 22:00 | 01:00 | 04:00 | 07:00 | 10:00 | 13:00 | 16:00 | 19:00 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Temperature (°C) | 20.4 | 20.65 | 19.69 | 18.9 | 17.41 | 17.85 | 21.55 | 25.38 | 26.27 | 24.36 |
| Precipitation (mm) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.34 | 4.16 |
| Pressure (hpa) | 1020 | 1020 | 1021 | 1021 | 1020 | 1020 | 1021 | 1020 | 1019 | 1019 |

STEP 5 API 링크 만들기

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- Access current weather data for any location including over 200,000 cities
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- JSON, XML, and HTML formats
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- Hourly forecast is available for 4 days
- Forecast weather data for 96 timestamps
- Higher geographic accuracy
- JSON and XML formats
- Available for Developer, Professional and Enterprise accounts

One Call API ^{NEW}

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- Make one API call and get current, forecast and historical weather data
- Minute forecast** for 1 hour
- Hourly forecast** for 48 hours
- Daily forecast** for 7 days
- Historical data** for 5 previous days
- JSON format
- Available for both Free and paid subscriptions

Daily Forecast 16 days

API docSubscribe

- 16 day forecast is available at any location or city
- 16 day forecast includes daily weather
- JSON and XML formats
- Available for all paid accounts

Climatic Forecast 30 days

API docSubscribe


- Forecast weather data for 30 days
- JSON format
- The frequency of weather data update is 1 hour
- Available for Developer, Professional and Enterprise accounts

Bulk Downloading

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- We provide number of bulk files with current weather and forecasts
- Regular uploading weather data in JSON format
- Current weather bulk is available for 209,000+ cities
- Variety of hourly and daily forecast bulks

STEP 5 API 링크 만들기



Weather in your city

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Call current weather data for one location

Please remember that all Examples of API calls that listed on this page are just samples and do not have any connection to the real API service!

By city name

Description:

You can call by city name or city name, state code and country code. API responds with a list of weather parameters that match a search request.

API call:

```
api.openweathermap.org/data/2.5/weather?q={city name}&appid={your api key}
```

```
api.openweathermap.org/data/2.5/weather?q={city name},{state code},{country code}&appid={your api key}
```

```
api.openweathermap.org/data/2.5/weather?q={city name},{state code},{country code}&appid={your api key}
```

Parameters:

q city name, state code and country code divided by comma, use ISO 3166 country codes. You can specify the parameter not only in English. In this case, the API response should be returned in the same language as the language of requested location name if the location is in our predefined list of more than 200,000 locations.

Examples of API calls:

```
api.openweathermap.org/data/2.5/weather?q=London
```

```
api.openweathermap.org/data/2.5/weather?q=London,uk
```

Searching by states available only for the USA locations.

There is a possibility to receive a central district of the city/town with its own parameters (geographic coordinates/idname) in API response. Example

By city ID

- by ZIP code
- Call current weather data for several cities
 - Cities within a rectangle zone
 - Cities in cycle
 - Call for several city IDs
- Bulk downloading
- Parameters of API response
 - JSON
 - XML
 - List of condition codes
 - Minmax temperature in current weather API and forecast API
- Other features
 - Format
 - Units format
 - Multilingual support
 - Call back function for JavaScript code

f-string