OpenWeatherMap API

This notebook goes over how to use the OpenWeatherMap component to fetch weather information.

First, you need to sign up for an OpenWeatherMap API key:

1. Go to OpenWeatherMap and sign up for an API key here
2. pip install pyowm

Then we will need to set some environment variables:

1. Save your API KEY into OPENWEATHERMAP_API_KEY env variable

```
pip install pyowm
```

```python
import os
os.environ["OPENWEATHERMAP_API_KEY"] = ""
```

```python
from langchain.utilities import OpenWeatherMapAPIWrapper
```

```python
weather = OpenWeatherMapAPIWrapper()
```

```python
weather_data = weather.run("London,GB")
```

```python
print(weather_data)
```

```
In London,GB, the current weather is as follows:
Detailed status: overcast clouds
Wind speed: 4.63 m/s, direction: 150°
Humidity: 67%
Temperature:
    Current: 5.25°C
```

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```
   - Low: 3.49°C
   - Feels like: 1.95°C
Rain: {}
Heat index: None
Cloud cover: 100%
```