1. **Weather Data API (OpenWeatherMap API)**: This dataset provides real-time and historical weather data for cities worldwide. It includes information such as temperature, humidity, wind speed, and weather conditions.

**Weather Table**:

* city\_name: String (references geographic region)
* temperature: Float
* humidity: Integer
* wind\_speed: Float
* weather\_condition: String
* timestamp: Datetime (tracks the time of data collection)

**City Table**:

* city\_name: String
* country: string

The two datasets can be integrated by the city\_name in the Weather Table and City Table. This allows us to analyze how specific weather conditions (like high humidity or temperature changes) in someone country.

