Idea: I want to connect the Google Places API with the weather Open-Meteo API. this serves as a code and project exercise. I would like to visualize the results afterwards.

Possible correlations to be tested are e.g:

* Rainy weather → more indoor restaurants?
* Temperature → Type of restaurants (ice cream parlors, hot food)?
* Hours of sunshine → Number of restaurants with terraces?

Project process:

Step 1: Set up the basics (Github, .gitignore, folderstructure)

Step 2: Store API keys securely

Step 3: Test first API connection

Step 4: Integrate Google Place API

Step 5: Collect and store data

Step 6: Jupyter notebook for exploration

Data Sources and Description:

Google Places API

* Data from gastronomy businesses are available here

Open-Meteo API

* No API keys required; many parameters: Temperature, precipitation, wind, sunshine hours, UV index, etc.; Supports historical data, hourly and daily forecasts

Results: