

## Python script for fetching location information (latitude, longitude, and formatted address) using the Google Maps Geocoding API.

- **import os**: This imports the `os` module, which is used for interacting with the operating system, and `requests`, which is used for making HTTP requests.
- **load\_dotenv**: the `load_env` function from the `python-dotenv` library, which is used to load environment variables from a `.env` file.
- **API\_KEY**: This API key is a secret code that identifies my application to the Google Maps Geocoding API. It acts as a form of authentication and authorization, ensuring that only authorized applications can make requests to the API.
- **GOOGLE\_MAP\_URL**: This sets the base URL for making requests to the Google Maps Geocoding API.
- **get\_location\_info(address)**: This function takes an address as input, sends a request to the Google Maps Geocoding API with the address and the API key as parameters, and then processes the response to extract location information.
  - **params**: This dictionary contains the query parameters to be sent with the API request, including the address and API key.
  - The code then sends a GET request to the Google Maps Geocoding API using `requests.get()` with the specified URL and parameters.
  - It checks if the response status is 'OK', indicating that the geocoding request was successful.
  - If the response status is 'OK', it extracts the latitude, longitude, and formatted address from the response JSON and prints them.
  - If there's an error, it prints the error status.