**Google Maps Data Scraper Bot (Python)**

**Overview:**  
Built a high-performance **Python bot** to scrape detailed business information from **Google Maps** and export it into a structured Excel format—ideal for lead generation and local business analysis.

**Key Highlights:**

* Extracted comprehensive data fields for each business, including:
  + name, address, area, rating, total\_ratings
  + latitude, longitude, place\_id, status
  + phone, website, hours, social\_links, Category
* Developed scraping logic to **avoid blocks and rate limits** using random delays, headers, and retry strategies.
* Designed to scale for **bulk data extraction** across multiple search terms and locations.

**Tools & Technologies:**

* Python
* requests, Selenium, or API-style scraping
* pandas for data structuring
* openpyxl or xlsxwriter for Excel export

**Outcome:**  
Successfully scraped and organized large volumes of business data from Google Maps, generating clean Excel sheets with 15+ fields—suitable for marketing, competitor research, or database building.