**Google Search Result Scraper Bot (Email & Website Extractor)**

**Overview:**  
Developed a Python-based automation tool that performs **Google searches** for business names or keywords, scans the **top 10 search results**, and extracts valuable data such as **emails, websites, and social media links**.

**Key Highlights:**

* Automatically searches **Google for business names or custom queries**.
* Parses the top 10 results from each search to extract:
  + Email addresses, Website URLs, Social media links, and more.
* Designed to filter and validate results to reduce irrelevant or duplicate data.
* Capable of handling **bulk input** (e.g., a list of 1,000+ business names).

**Tools & Technologies:**

* Python
* requests, BeautifulSoup, re (regex) for parsing
* Google Custom Search API or browser automation if needed
* pandas, openpyxl for data handling and Excel export

**Outcome:**  
Successfully built a scalable and automated bot for extracting critical business contact info from Google’s search results—ideal for lead generation, outreach, and data enrichment workflows.