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# Caprae AI-Readiness  Challenge

## Project Title:
**Smart Lead Scraper & Enricher (Lite Version)**

##  Objective:
To build a lean and functional tool that scrapes professional
enriches them with contact data — helping companies quickly ge
sales leads.

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##  What It Does:
- Scrapes Google Search results for relevant **LinkedIn profil
in Bangalore)
- Extracts **name** and **LinkedIn URL**
- Generates realistic **dummy email addresses**
- Saves the enriched leads to a downloadable **CSV file**

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##  Tools & Technologies Used:
- Python
- Google Colab
- `googlesearch-python`, `pandas`, `re`
- Colab file download module

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##  Why This Adds Value:
- Demonstrates business understanding of **lead generation wor
- Simulates real-world **email enrichment** when paid API serv
available
- Code can easily be extended with **Hunter.io** or **Clearbit

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##  Alignment with Caprae Goals:
The tool enables efficient sourcing of relevant professionals
platforms and enriches them for outbound contact — perfectly a
Caprae's AI-first, operator-led approach to transforming busin

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Please note that the
 email enrichment was simulated using logic-based dummy email
 mimics real enrichment flow while maintaining deliverability.
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Caprae AI-Readiness Challenge

Project Title:

Smart Lead Scraper & Enricher (Lite Version)

Objective:

To build a lean and functional tool that scrapes professional profiles and enriches them with contact data — helping companies quickly generate quality sales leads.

What It Does:

- Scrapes Google Search results for relevant **LinkedIn profiles** (e.g., CEOs in Bangalore)
- Extracts **name** and **LinkedIn URL**
- Generates realistic **dummy email addresses**
- Saves the enriched leads to a downloadable **CSV file**

Tools & Technologies Used:

- Python
- Google Colab
- `googlesearch-python`, `pandas`, `re`
- Colab file download module

Why This Adds Value:

- Demonstrates business understanding of **lead generation workflows**
- Simulates real-world **email enrichment** when paid API services aren't available
- Code can easily be extended with **Hunter.io** or **Clearbit** for real use

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Alignment with Caprae Goals:

The tool enables efficient sourcing of relevant professionals from public platforms and enriches them for outbound contact — perfectly aligning with Caprae's AI-first, operator-led approach to transforming businesses.

Please note that the email enrichment was simulated using logic-based dummy email generation. This mimics real enrichment flow while maintaining deliverability.

Start coding or generate with AI.

What can I help you build?