

Caprae Capital AI Handbook Challenge Report

Project Title: Lead Scraper + Email Validator Tool

Objective:

To build a lightweight and efficient tool that simulates the lead generation process and ensures valid contact information is collected for business outreach.

What It Does:

- Simulates company data with websites and emails (as if scraped from the web)
- Validates email formats using Python regex
- Exports the cleaned, validated lead list to a CSV file for easy use

Tools Used:

- Python
- Pandas
- Regex (re module)

Business Value:

This tool helps sales and marketing teams by reducing manual filtering of invalid emails. It ensures better quality lead lists and improves campaign performance by preventing email bounce rates.

Time Taken:

Under 2 hours

Author:

Asma Sheikh

PG Program in Data Science, Data Trained Academy

Intern at Flip Robo Technology

Email: asmasheikh438@gmail.com

Phone: +91 8467071830