# Extracting Email, Phone number using ContactOut

This project automates the extraction of contact information from LinkedIn profiles using Selenium and the ContactOut extension. It retrieves the LinkedIn credentials and LinkedIn profile URLs from a .env file and a text file, respectively, then logs into LinkedIn and extracts the email and phone details from the ContactOut widget.

**Prerequisites**

Before running this project, ensure you have the following installed and configured:

1. **Python**: You need Python 3.x installed. You can download it from [here](https://www.python.org/downloads/).
2. **Google Chrome**: Make sure you have the latest version of Chrome installed, as Selenium will use ChromeDriver to automate the browser.
3. **ContactOut Chrome Extension**: You need to download and add the ContactOut Chrome extension (the .crx file) to the project folder. You can download it from the Chrome Web Store. It is also provided in the files, but it is better use the latest one available on Web store. Make sure to create a password to your account if used Google SSO to signup.

**Step-by-Step Setup Guide**

1. **Clone or Download the Project**: Place the linkedin\_profiles.txt file and .env file in the root directory of the project.
2. **Create the .env File**: Create a .env file in the project root directory with the following structure to store your LinkedIn credentials and your own LinkedIn profile URL:

LINKEDIN\_EMAIL=your\_gmail\_address@gmail.com

LINKEDIN\_PASSWORD=your\_password\_here

LINKEDIN\_URL=https://www.linkedin.com/in/your-own-profile/

1. **Create linkedin\_profiles.txt**: The linkedin\_profiles.txt file should contain LinkedIn profile URLs, each on a new line. Example:

https://www.linkedin.com/in/example-profile1/

https://www.linkedin.com/in/example-profile2/

https://www.linkedin.com/in/example-profile3/

1. **Install Required Python Packages**: Run the following command to install all the dependencies from requirements.txt

python -m venv venv

./venv/Scripts/activate

pip install -r requirements.txt

1. **Download and Setup ChromeDriver**: Ensure that ChromeDriver is in your PATH or located in the same directory as the Python script.
2. **Run the Script**: Once everything is set up, run the Python script with: python contactout.py

On running, log in into contactout using your gmail and password after your own profile is shown. There is a 100 second gap to login.