LinkedIn Scraper with Apify

This project is a LinkedIn scraper that utilizes Apify to extract company and profile data from LinkedIn. It includes a Streamlit application that provides an interactive interface for users to input their LinkedIn cookies, upload an Excel file with LinkedIn URLs, and scrape the data accordingly.

Table of Contents

Features

- **Interactive Streamlit App:** User-friendly interface to input LinkedIn cookies and upload Excel files.
- **Data Extraction:** Scrapes company and profile data from LinkedIn, including posts.
- **Data Export:** Allows users to download scraped data in Excel format.
- **Progress Monitoring:** Displays progress and runtime information during scraping.
- **Error Handling:** Provides clear error messages in English for any issues encountered.

Installation

Clone the Repository

```
git clone https://github.com/miracyuzakli/linkedin-scraper-with-apify.git
cd linkedin-scraper-with-apify
```

Install Requirements

Ensure you have Python 3.6 or higher installed. Install the required packages using `pip`:

```
pip install -r requirements.txt
```

Usage

Setting Up Environment Variables

Create a `.env` file in the project directory and add your Apify token:

```
APIFY_TOKEN=your_apify_token_here
```

Running the Streamlit Application

Run the Streamlit app using the following command:

```
streamlit run app.py
```

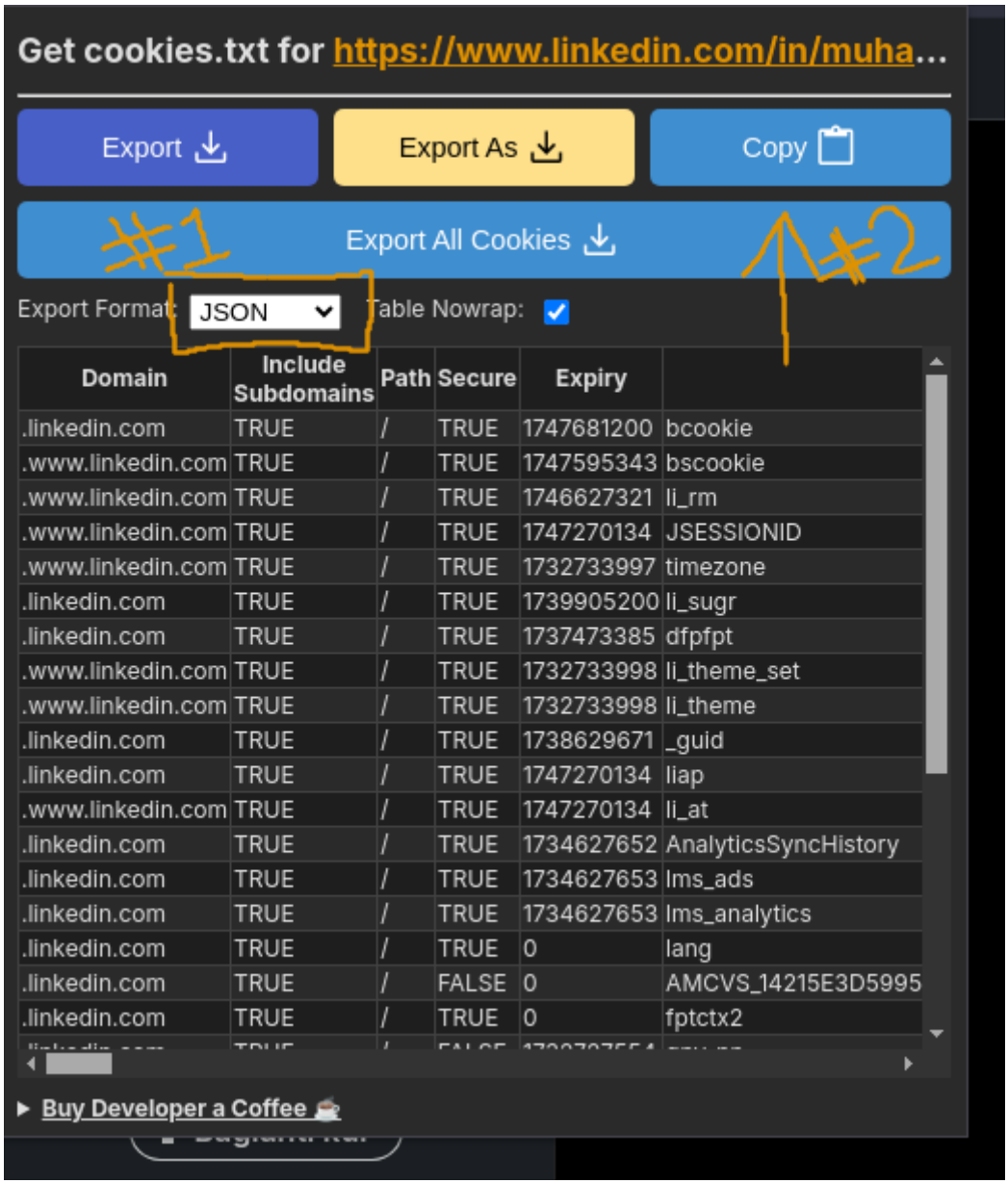
Using the Application

1. **Enter LinkedIn Cookie JSON:**
    - Paste your LinkedIn cookie in JSON format (as a list of dictionaries) into the text area provided.

    Extention url: https://chromewebstore.google.com/detail/get-cookiestxt-locally/cclelndahbckbenkjhflpdbgdldlbecc

    After installing the extension, you will open the extension by logging in to your linkedin page.

    First of all, we will select the `Export Format` value as `JSON` and then we will copy the cookie value to the specified place in the interface by clicking the `COPY` button.

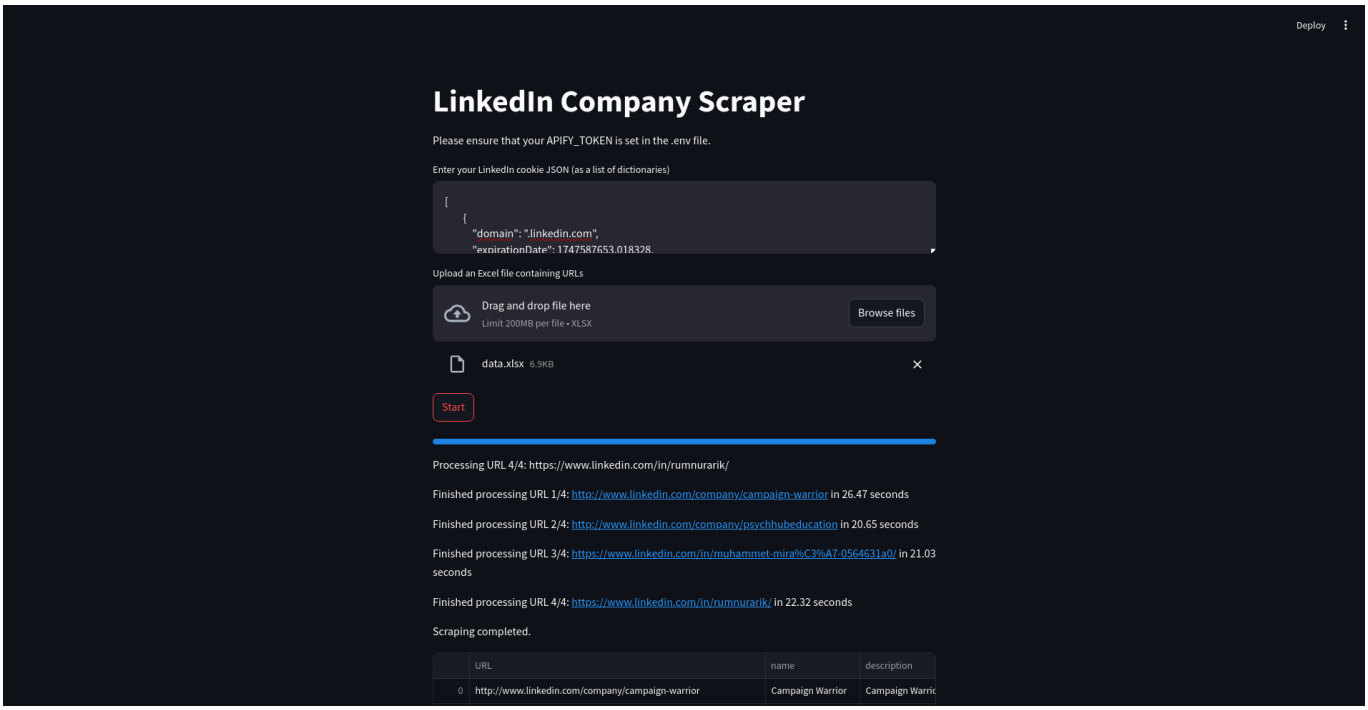


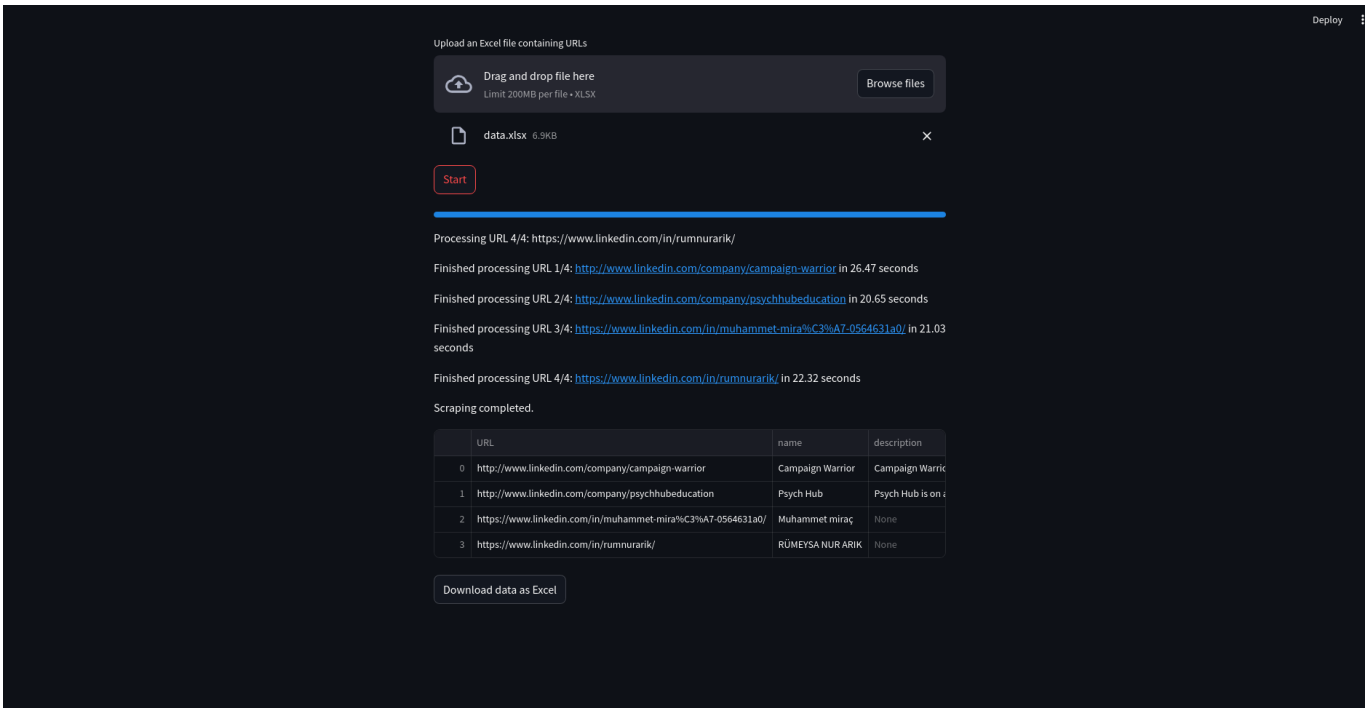
2. **Upload Excel File:**
    - Upload an Excel file (`.xlsx`) containing a column named `URL` with the LinkedIn profile or company URLs you wish to scrape.
3. **Start Scraping:**
    - Click the **Start** button to begin the scraping process.
4. **Monitor Progress:**
    - The application will display the progress of scraping, including which URL is being processed and the runtime.
5. **Download Data:**
    - Once scraping is complete, you can download the scraped data as an Excel file by clicking the **Download data as Excel** button.

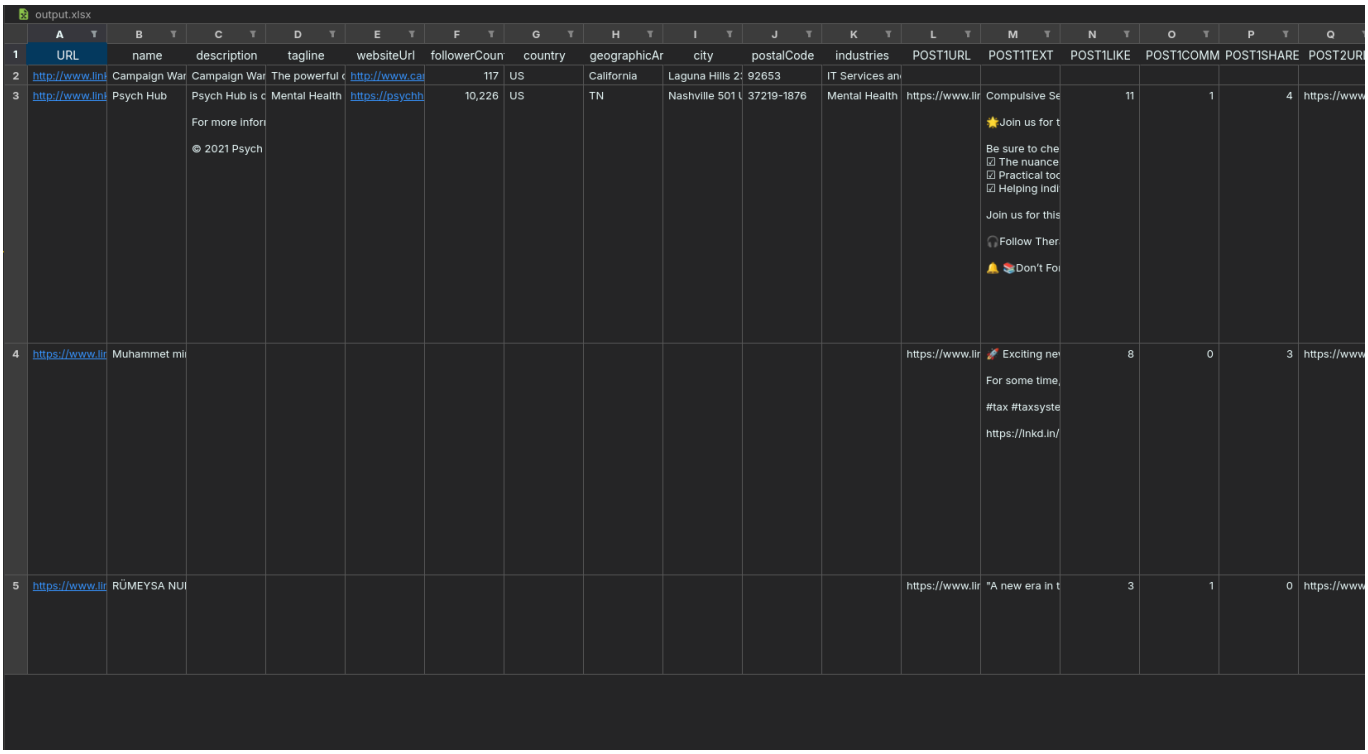
Requirements

- Python 3.6 or higher
- Required Python packages (listed in `requirements.txt`):
  - `streamlit`
  - `apify-client`
  - `pandas`
  - `openpyxl`
  - `python-dotenv`
- Valid Apify API token
- LinkedIn account and corresponding cookies

Exaple ScreenShoots







output.xlsx

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	URL	name	description	tagline	websiteUrl	followerCoun	country	geographicAr	city	postalCode	industries	POST1URL	POST1TEXT	POST1LIKE	POST1COMM	POST1SHARE	POST2URL
2	http://www.link	Campaign War	Campaign War	The powerful c	http://www.cal	117	US	California	Laguna Hills 2	92653	IT Services an						
3	http://www.link	Psych Hub	Psych Hub is c For more infor © 2021 Psych	Mental Health	https://psychh	10,226	US	TN	Nashville 501 U	37219-1876	Mental Health	https://www.lir	Compulsive Se ⭐Join us for t Be sure to che ☑ The nuance ☑ Practical toc ☑ Helping indi Join us for this 🎧Follow Ther 🔔📚Don't Fo	11	1	4	https://www
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