Instruction Manual

This document provides details on running the tool.

Software Required

- Python Editor (Version 3.7 or above).
  Link:- https://www.python.org/downloads/
- Tableau Public.
  Link:- https://www.tableau.com/products/public/download
- Microsoft Excel

Steps to Run the Python Code

Following Libraries are required to run the Python data scraper.

```
pip install pandas

pip install selenium

pip install beautifulsoup4

pip install regex

pip install python-time
```

Steps to download Chromedriver.

- Open Google Chrome on your PC.
- Click the three dots in the upper-right corner of the window.
- Hover your cursor over "Help."
- Click "About Google Chrome."
- The version of your Google Chrome browser will appear on the next window, toward the top of the screen.
- Download the corresponding version of Chromedriver from https://chromedriver.chromium.org/downloads

- Save the chromedriver as `chromedriver.exe` in same folder as of the python code.

Setup LinkedIn Login details

- Load the `Linkedin_Scraper.py` into the python editor and find

```
# User details

user_name = 'your_username'

password = 'your_password'
```

- Replace it with your LinkedIn details.

Interface for Python Code

- Once everything is setup run the `Linkedin_Scraper.py`.
- It will then ask for input to choose for -

```
1. Scrape Country Jobs

2. Scrape Country People
```

- Based on requirement select the option you me to Scrape.

- On Selecting to Scrape for Country Jobs it will for following things-

```
Enter the link of country you wish to scrape
```

For this go to LinkedIN's your country Jobpost page and copy the link to enter over here.

For example, If you want to scrape jobs for Lebanon the link for it would be - `https://www.linkedin.com/jobs/search/?currentJobId=3138842171&geoId=101834488&location=Lebanon&refresh=true`

- After taking the country job link it will ask -

```
Enter total no. of Job pages to be Scraped:
```

For this check the total of jobs pages in the link you entered.

- After this the Code will start collecting the job pages links one by one and started scraping it.

- Once all the scraping is done it will save a excel file in the same folder as `data.csv`.

Connecting Tableau visuals with datasource

- Convert the extracted csv file to a excel file.
- Copy the excel file to Tableau datasource folder.
- Open the visual you want and connect it to the corresponding excel file.
- Your visuals will be ready.