Assignment: -

1. A developer is assigned a task to scrape 1 lakh website pages from a directory site, while scrapping he is facing such hcaptcha, which are placed to stop people from scrapping As a project Coordinator suggest ways to solve this problem

ANS- To solve above problem we can assess the importance of the data and whether it’s worth the effort and cost to scrape it we can also consider third party CAPTCHA solving services.we have to monitor the scraping process continously and be ready to adjust approach if needed.we can use puppeter to stimulate human interaction.

1. Our client has around 10k linkedin people profiles, he wants to know the estimated income range of these profiles. Suggest ways on how to do this?

ANS- We can Collect all available data from the Linked In profiles, including job titles, industries, locations, and any salary or income-related information if it's publicly mentioned with the help of excel Clean and organize data in spreadsheets for analysis tableau can help you create visualizations to present your findings.we can use statistical analysis tool like python to perform regression analysis or clustering to estimates range.

1. We have a list of 1L company names, need to find linkedin company links of these profiles, how to go about this?

ANS-first of all we have to put company names in excel.use a python program to help for search linkedin profile we have to go through the collected profiles to make sure they’re correct and working links.

1. How to identify list of companies whose tech stack is built on Python. Give names of 5 companies if possible, by your suggested approach?

ANS-1.Google - It uses python extensively in various project ,including web development and data analysis.

1. Facebook-Python is used in facebook for backend and infrastructure.
2. Dropbox-dropbox relies on python for server side application and automation task
3. Instagram-it uses python for backend development
4. Spotify -it uses python for dta analysis.

5 Need to find an API, through which we can send linkedin messages to other linkedin users

ANS -Linkedin does not offer API