Data & Automation Intern

Location: Delhi Head Office
Job type: Full-time Internship
Company: National Co-operative Exports Limited

Company Description

National Co-operative Exports Limited (NCEL) is a distinguished national-level co-operative created with the approval of the Union Government and the Ministry of Cooperation in 2023 and registered under the Multi-State Co-operative Societies Act, 2002. It is promoted by five prominent co-operative institutions – The Gujarat Co-operative Milk Marketing Federation (GCMMF, popularly known as AMUL), Indian Farmers Fertiliser Cooperative Limited (IFFCO), Krishak Bharati Co-operative Limited (KRIBHCO), National Agricultural Co-operative Marketing Federation of India Limited (NAFED), and National Co-operative Development Corporation (NCDC).

Role Summary

We are seeking an enthusiastic Data & Automation Intern who is interested in working with large-scale web data and agricultural datasets. This role is designed for someone who is analytical, proactive, and eager to learn the practical aspects of data collection and processing. The intern will be responsible for building and maintaining web scrapers, supporting data automation initiatives, and collecting, cleaning, and analysing datasets related to various stages of the agricultural value chain to support research, reporting, and strategic initiatives.

Key Responsibilities

1. **Data scraping and collection:**
   a. Develop and maintain web scrapers to extract data from websites, portals, and public digital sources.
   b. Collect datasets related to agricultural markets, commodities, pricing, logistics, trade, and allied sectors across the agri value chain.
2. **Automation and maintenance:**
   a. Assist in automating recurring data extraction workflows and scheduled scraping tasks.
   b. Monitor scraping jobs and troubleshoot errors, data gaps, or inconsistencies.
3. **Data cleaning, structuring, and analysis:**
   a. Clean, normalize, and structure scraped data into usable formats (CSV, Excel, JSON, or databases).
   b. Support analysis of agricultural value chain datasets to identify trends, patterns, and insights.
   c. Validate data accuracy and completeness prior to reporting or internal use.

4. **Collaboration and reporting:**
    a. Work closely with the Reporting Manager to understand data requirements and analytical objectives.
    b. Coordinate with team members to ensure collected data aligns with ongoing projects and organisational priorities.
5. **Documentation and continuous learning:**
    a. Document data sources, scraping logic, assumptions, and known limitations.
    b. Stay updated with best practices in web scraping, data ethics, and agricultural data analysis.

Qualifications

1. **Education:**
Currently pursuing or recently completed a degree in Computer Science, Data Science, Engineering, Agriculture, Economics, or a related field.
2. **Experience:**
    a. Any prior experience with web scraping, data collection, or data analysis is an asset.
    b. Academic or personal projects involving datasets or automation tools are desirable.
3. **Technical Skills:**
    a. Proficiency in Python.
    b. Familiarity with web scraping libraries such as BeautifulSoup, Scrapy, Requests, Selenium, or Playwright.
    c. Basic understanding of HTML, CSS selectors, XPath, and JSON.
    d. Ability to work with datasets using spreadsheets or basic databases.
4. **Soft Skills:**
    a. Strong analytical and problem-solving skills.
    b. Attention to detail and ability to work with large datasets.
    c. Ability to manage multiple tasks and meet deadlines in a structured environment.

What We Offer

- A hands-on learning experience in data collection, automation, and agricultural data analysis.
- Mentorship from experienced professionals working across data and agri value chain domains.
- Exposure to real-world datasets relevant to agricultural markets and exports.
- Opportunity to build a strong technical and analytical portfolio.
- Potential for growth and future opportunities based on performance.

How to Apply

Interested candidates should please fill the form below: https://forms.gle/EjD6L7Yhpa6bqtyh9