Data Manager – CEDA, Ashoka University

Role: Data Manager at Centre for Economic Data and Analysis, Ashoka University

Type of position: Full-time (40 hrs/week)

Remuneration: INR 12-15 LPA, (tentative - the actual offer will depend on the candidate's skills and experience.

Location: Hybrid (Delhi NCR/Ashoka University Campus, Kundli, NCR)

About Ashoka University:

Ashoka University is a leading liberal arts and sciences university in India, committed to providing a world-class education that fosters critical thinking, interdisciplinary learning, and a strong emphasis on research and innovation. The Centre for Economic Data and Analysis (CEDA) at Ashoka University focuses on leveraging data-driven insights to advance economic research and inform policy decisions.

About the position

CEDA is seeking a highly motivated and skilled Data Manager to join our dynamic team. As a Data Manager, you will play a crucial role in building and managing our collection of economic data analysis tools and datasets, ensuring data integrity, and facilitating data-driven research projects. The ideal candidate will possess a strong background in both programming and data processing, with a passion for utilising data to address economic challenges.

Key Responsibilities

- Full-stack development of data visualisation dashboards & APIs, with full ownership of the product from design proposal to shipping the final product.
- Develop and maintain necessary data infrastructure, including databases, data warehouses, and data pipelines, ensuring efficient data storage and retrieval.
- Manage and curate economic datasets, ensuring data quality, integrity, and accessibility
- Collaborate with economists, researchers, and policy analysts to identify data requirements and provide support in data acquisition, cleaning, and transformation.
- Stay up-to-date with emerging trends, tools, and methodologies in economic data analysis and contribute to the continuous improvement of data management processes.
- Provide technical guidance and support to team members regarding data management best practices and data analysis techniques.
- Collaborate with external partners and stakeholders to facilitate data sharing and collaboration for research and policy initiatives.

Desired qualifications and skills

- Undergraduate degree in Computer Science, Economics, Statistics, Data Science, or a related field. Masters is a plus.
- Minimum 1 year of work experience in a professional environment. Experience of working with data in journalistic, research or academic settings would be an advantage
- Ability to write Python scripts is a must. Experience with data manipulation, requests, automation or/and visualisation using popular libraries such as Pandas, requests, Selenium, FastAPI, Plotly etc.
- Experience in developing projects that use Node.js and its popular frameworks for MVC and REST APIs (ReactJS, ExpressJS etc.) Experience with PHP is optional, but appreciated
- Familiarity with data management concepts, techniques, and tools, including database management systems (SQL, PostgreSQL, MySQL etc) and data integration methodologies.
- Working knowledge of AWS and/or other cloud computing platforms and tools used within these (Linux, shell scripting, Docker, YAML files)
- Good understanding of the responsibilities of a platform, database, API, caching layer, proxies and other web services used.
- Experience with DevOps practices and tools, including CI/CD pipelines, Git/GitHub and automation.
- Ability to work collaboratively in a team-oriented environment and manage multiple projects with competing deadlines. We are looking for someone who takes initiative and ownership of the task at hand, is able to work independently and does not require constant supervision.
- Experience in data analysis & interactive data visualisation in Python and R and popular libraries used across both (Plotly, Shiny, Leaflet etc) would be preferable, though it is not essential

If this sounds exciting, we have just the job for you. Please apply with a resume, including details of current employment. Following the screening process, shortlisted applicants will be invited to a written or online interview. Based on their test performance, selected candidates will go through a couple of rounds of interviews.

How to Apply: If you are interested in this position, please fill the Google form at the link provided below. Applications will be accepted until the position is filled. Only the shortlisted candidates will be contacted.

Link to Google Form https://forms.gle/KY6bhWpC2sG3vHuZ9