Data Scientist, Dvara Research

Organisation Profile

Dvara Research is an independent, non-partisan, not-for-profit policy research institution based in India. Its mission is to ensure that every low-income household and every small enterprise has complete access to suitable financial services and social security through a range of channels that enable them to use these services securely and confidently. Since 2008, Dvara Research has deeply analysed, and carefully written about, financial inclusion and social protection in India from policy, regulatory, and practitioner perspectives that are anchored to its mission. Its work has gained the admiration and respect of policymakers and regulators, and since its inception, Dvara Research has been a research-partner of choice for such key policy-making bodies as the Reserve Bank of India, Securities and Exchange Board of India, Pension Fund Regulatory and Development Authority etc.

About the Position – Data Scientist

Roles and Responsibilities:

- **Data Analysis and Visualisation:** Working with project teams to conduct advanced data analysis for several research projects using data analysis and management software. The nature of data analysis can range from basic descriptive statistics, running multi-variate regressions, time series analysis, to advanced statistical learning techniques including both supervised and unsupervised learning methods. Using data to produce meaningful visualisations that help communicate the essence of the relevant research study or research findings, customised for both technical and non-technical audiences.
- **Data resource management:** Managing the data resources of Dvara Research as a whole, serving as the go-to person for questions of internal and external data access, assisting the leadership team at Dvara Research with monitoring external Data Sharing Agreements, updating datasets as required, creating effective dissemination for both internal and external members regarding the datasets available for access.
- **Providing data analysis and management leadership to the wider Dvara Research team**: Serving as the primary resource for any data-based analysis to be done by the team, helping team members identify appropriate analysis and in using statistical packages to generate results for general scoping as well as specific research questions.
- **Defining problem statements and building evidence using large and small datasets:** Using various kinds of datasets, both publicly available and internal datasets, to curate the problem statement, find patterns in data and build data-based evidence relevant to the research study in question.

Expected Skills
- Strong mathematical and statistical foundations, with coursework or work experience covering advanced econometric concepts.
- A high degree of proficiency in more than one statistical package/language (R, STATA, python).

- The capability to create clear, concise, and representative data visualisations using data visualization software such as Tableau and other tools.
- Sound analytical and critical thinking skills, with the ability to understand and analyse issues from first principles and develop solutions that are theoretically sound with a clear pathway to implementation.
- Ability to communicate (both orally and in the written format) analysis with clarity, precision, and thoroughness, and be able to adapt different writing and presentation styles based on the intended outcome and audience.
- A very high degree of integrity and honesty in one's dealings, and an ability to consider and contribute to the team's performance as being as important as one's own performance.
- A high degree of self-motivation to work in an unstructured environment and an innate flair for finding constructive solutions to problems while working in team settings.
- Experience of or exposure to the Indian context within public policy, financial inclusion, law, and/or banking and financial services is preferred.
- Experience in the fields relevant to this position is preferred.

Minimum Qualification:
- Master's degree in economics, mathematics, statistics, data science, or allied discipline or a Bachelor's degree in engineering

Remuneration and Location:
- Competitive remuneration will be offered.
- This position is based remotely, and you will have the flexibility to work from anywhere within India, with travel required for internal and external meetings, typically once every couple of months.

Application Instructions:
Interested candidates may send their CV and cover letter to jobs.research@dvara.com explicitly mentioning "Data Scientist [Your Name]" in the subject line. Only shortlisted candidates will be contacted for further consideration.