

Job Description: Data Analyst

Position Title: Data Analyst

Location: Delhi, India

No. of Open Positions: 03

Experience Required: 1-2 years

Reports To: Sr. Analyst/Research Lead

Candidates can apply by submitting their CV and filling out the required information via [this](#) link.

Job Summary:

Arcus Policy Research seek Data Analysts with a strong foundation in econometric techniques and time series forecasting. The selected candidate will support research projects in the Agriculture and Rural Livelihoods sectors by applying advanced statistical methods to analyse data.

Key Responsibilities:

- Apply econometric techniques, including regression analysis, panel data analysis, and causal inference methods, to analyse datasets and generate meaningful insights.
- Use time series forecasting methods to predict trends, seasonal variations, and other key metrics related to agricultural and rural livelihoods projects.
- Manage and clean large datasets, ensuring data integrity and preparing data for advanced analysis.
- Develop and implement statistical models to assess the impact of interventions and policy changes.
- Conduct robust statistical analysis using software such as Stata, or Python, and generate reports.
- Prepare data visualizations, reports, and presentations to communicate complex findings to both technical and non-technical stakeholders.
- Provide technical support in designing econometric models, time series analysis, and forecasting techniques for ongoing and new projects.
- Conduct diagnostic checks and validations to ensure the robustness and reliability of econometric models and forecasts.
- Contribute to the preparation of knowledge products such as policy briefs, research papers, and case studies based on data analysis.

Qualifications and Skills:

- Master's degree in economics, Statistics, Data Science.
- 1-2 years of relevant experience in data analysis, econometric modelling, and time series forecasting while working on Primary Datasets and/or NSSO/DHS databases.

- Strong proficiency in econometric and statistical software (e.g., Stata, Python).
- Experience with time series forecasting methods like ARIMA, Exponential Smoothing, or other advanced forecasting techniques.
- Strong analytical skills with a detail-oriented approach to data accuracy and integrity.
- Excellent written and verbal communication skills.
- Ability to work collaboratively across teams and contribute to project success.

Selection Process

- Candidates will be shortlisted based on their educational background, relevant work experience, and demonstrated expertise related to the role for which they are applying.
- Shortlisted candidates appear for a Technical Interview assessing the subject matter expertise, critical thinking, and problem-solving abilities, relevant to the specific job requirements.

Location

This is a full-time in-office role based in New Delhi with need-basis travel.

Remuneration and Benefits

We offer a highly competitive remuneration package that is commensurate with industry standards within the development sector. We are committed to fostering a culture of continuous learning and development and as a member of our team, you will have access to a wealth of resources and training programs leading to opportunities for both personal and professional growth.

About Arcus Policy Research

Arcus Policy Research (APR) is dedicated to conducting comprehensive research to drive impactful policy discussions and develop effective interventions for addressing critical challenges within the agricultural sector. We are passionate about delivering actionable recommendations to our clients quickly to achieve larger policy goals, brick by brick, providing support and services to a wide array of stakeholders, including small farmers' units such as farmer producer organisations, agricultural commodity traders/companies, research institutions, implementation agencies and governments. We are a team of passionate researchers who bring together diverse expertise and perspectives.

To know more about Arcus Policy Research's work, please visit our [Website](#) and [LinkedIn](#).