
Econometrics Data Engineer

Location: Remote (U.S. only)

Sponsorship: Visa sponsorship is not available for this role

About Powerlytics:

Powerlytics is a venture-backed data intelligence company serving top banks, insurers, asset managers, alternative lenders, and consulting firms. We offer a frictionless way for financial institutions to uncover market opportunities, minimize risk, and optimize revenue using one of the most complete and proprietary economic datasets in the U.S., including anonymized tax return data for over 150 million households and 30 million businesses.

We're looking for a talented **Econometrics Data Engineer** to help us transform large-scale economic data into scalable, actionable insights. You'll collaborate directly with our Chief Data & Analytics Officer, Dr. Narahara Chari Dingari, and work closely with a high-performing team of PhD Data Scientists and Engineers.

What You'll Do:

- Build and optimize ETL pipelines using Python and PySpark to process economic and financial data.
- Convert legacy R-based workflows to scalable Python/PySpark implementations.
- Ensure data quality and consistency by utilizing both public (e.g., Census, IRS) and private sources.
- Collaborate with data scientists to develop econometric models and reusable data assets.
- Contribute to the design, delivery, QA of economic analytics solutions.
- Monitor pipelines using tools like Prometheus and Grafana.

What We're Looking For:

- Hands-on experience with large-scale data processing (Python, PySpark, Spark).
- Strong data wrangling and analytical skills, especially with economic datasets.
- Proficiency in Linux and AWS (SageMaker, EMR, Lambda).
- Clear communicator who can work across technical and non-technical teams.
- Comfortable working in a fast-paced, fully remote environment.

Preferred Qualifications:

- Background in financial services, especially banking, insurance, or wealth management.
- Experience with Powerlytics' tools or similar platforms for segmentation and prospecting.
- Familiarity with Generative AI (e.g., RAG pipelines, Agentic AI, structured LLM contexts).
- Knowledge of modern engineering practices (CI/CD, Git, Prometheus/Grafana, dbt).
- Experience documenting with tools like MkDocs or Sphinx.

Education:

Bachelor's or Master's degree in Economics, Data Science, Computer Science, or a related field.

Compensation:

We offer competitive pay, including base salary, bonus, equity potential, and a full benefits package.

To Apply:

Send your resume to employment@powerlytics.com. In your message, please include:

- A brief note on why this role interests you
- Your relevant experience with Spark and other programming languages
- Confirmation that you are legally authorized to work in the United States and will not require employer-sponsored work authorization (visa sponsorship) now or in the future.

Equal Opportunity Statement:

Powerlytics is an equal opportunity employer. We consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, or any other protected characteristic under applicable law.