DATA SCIENTIST

ABOUT COIN METRICS

Coin Metrics is a leading provider of cryptoasset data for institutions. We deliver transparent and actionable data and analytics to various industry stakeholders including asset managers, custodians, trading venues, research desks, and data/application providers. Coin Metrics' data empowers its clients and the public to better understand, use and value open crypto networks.

JOB DESCRIPTION

Coin Metrics is recruiting a Data Scientist to support its market data metric calculation and internal data product research and development functions.

Join a fast-paced startup pioneering novel metrics, data products, and intelligence solutions, which offer insights into the economics, markets, usage, health, and other aspects of public cryptocurrency blockchains like Bitcoin and Ethereum and other crypto networks.

You will be surrounded by talented people passionate about decentralized economies and the data behind them. Break new ground, create exciting new data-driven research and products, and help shape the future of finance.

Key responsibilities include:

- Parsing, processing, or analyzing large financial data sets.

- Developing, backtesting, and refining calculation or algorithmic methods for aggregate/derivative metric creation or other processes related to new data product development or refinement of existing products.

- Maintaining documentation and code/scripts of calculation or algorithmic methods for metrics or processes to ensure scalability and permanence.

- Building data visualization tools or dashboards.

- Developing innovative statistical methodologies and data products.

- Writing or contributing to research publications, manuscripts, or documentation.

- Working collaboratively across key internal functions (Data Sciences, Product, Data Operations, and Data Services) to build and maintain scalable internal data science solutions.

- Working with external clients (such as financial institutions) or vendors (such as exchanges) to solve problems, acquire data, and improve relationships.

LOCATION

Greater Boston, MA or New York City, NY (remote considered)

QUALIFICATIONS

- Interest in crypto and crypto assets

- Bachelor's degree in Computer Science, Finance, Mathematics, or related field, or relevant work experience

- Familiarity with financial terms and products and experience working with financial data

- 2+ years' working experience in R

- Experience building and working within complex data pipelines using languages such as R (required) or Python (bonus) and visualization tools or packages such as plotly and Dash

- Experience with Unix-based operating systems (especially Linux)

- Experience developing methods and programs to parse, process, analyze, and comprehend large data sets

- Strong sense of ownership, entrepreneurial spirit, and/or startup-like experience, capable of driving towards solutions independently while seeking feedback when appropriate

PREFERRED QUALIFICATIONS

- Experience with FIX protocol, HTTP (REST), and WebSocket APIs

- 3+ years experience parsing, processing, analyzing, deriving or testing financial data in a data engineering, data scientist or quant role

- Bonus: knowledge of blockchain and related networks and their data structures

- Bonus: experience in applying machine learning or other automated techniques to solving data quality challenges

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