



LineVision Inc.
444 Somerville Ave
Somerville, MA 02143 USA

Senior Data Scientist

Somerville, MA or remote / Full-Time

At LineVision, we use advanced sensors and analytics to monitor, optimize, and protect the world's critical energy delivery infrastructure. We are working with utilities around the world to increase the flexibility, efficiency and safety of their grids for a cleaner and electrified future.

We are currently looking for a Senior Data Scientist to join our growing team. In this role, you will be working with large time-series data sets from our cutting edge IoT sensors deployed on high voltage transmission lines. On a given day you may find yourself comparing a data pattern observed at one sensor to a similar pattern observed on the other side of the world, you might be presenting a client with analysis that will aid them in deciding if they can safely replace one transmission line while leaving a parallel one energized, or you may be developing models to detect if a large bolt is loosening within a substation. Long story short, we have no shortage of important questions to ask of our massive and growing pool of data.

The ideal candidate will be comfortable wrangling data, exploring correlations/anomalies, applying Machine Learning (ML) techniques and partnering with our sales and product teams to develop applications. This is your opportunity to play a key role in building technological excellence into a company that is changing how utilities around the world operate an increasingly-connected electric power grid.

We value and benefit from the wide-ranging perspectives that come from a diverse and inclusive work environment and encourage all qualified candidates to apply, particularly those from groups that are under-represented in the energy sector.

Responsibilities:

- Apply ML techniques to refine the accuracy of our sensor data & analytical models
- Integrate new data from IoT sensors & 3rd parties; analyzing accuracy and adjusting our analytical models as needed
- Develop tools/processes to measure and track model accuracy
- Work with the product team to brainstorm and develop new product offerings
- Measure and improve our forecasting techniques
- Develop, test and improve algorithms around rare-event detection (i.e. icing, galloping, etc)
- As needed, work with R&D to design and perform field tests
- Refine site-calibration techniques
- Stay abreast on technology & industry trends
- Management & mentoring: helping to bring on and manage a data science team



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Qualifications

- 5+ years programming in a statistical language (Python, R, Matlab) including significant data visualization work
- Excellent written and verbal communication skills for coordinating across teams
- SQL Proficiency and experience with relational databases
- Working knowledge of machine learning techniques (neural networks, clustering, decision tree learning etc)
- Experience working with large volumes of time-series data
- Proven ability to reach conclusions and drive business results via analysis and modeling
- Outstanding remote-team and client/partner collaboration and communication skills
- Passion for improving the efficiency and reliability of the grid
- Experience working with electric power transmission/distribution, renewables, etc. a plus
- Science/Engineering background strongly preferred

As a rapidly growing technology company, LineVision offers all team members equity through our Employee Stock Option plan. We also offer health insurance benefits, a 401k plan, a trust-based vacation policy and a highly collaborative team environment.

LineVision Inc is an EEO/Affirmative Action Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability or any other legally protected status. For more information, visit <http://www.linevisioninc.com>

To apply send a resume and cover letter to apply@linevisioninc.com with "Senior Data Scientist" in the subject line