🌍 Entry-Level Data Analyst

Location: Remote | **Company:** nLine (www.nline.io)

About nLine

nLine builds sensor technologies and data systems to make electricity grids visible, reliable, and more equitable. Our mission is to improve the quality and reliability of electricity infrastructure worldwide — starting in regions where data gaps are the largest. Our tools provide actionable insights for utilities, governments, development finance institutions, and research organizations.

We're looking for a motivated **Entry-Level Data Scientist** to join our growing team. This is a unique opportunity to apply your Data Science skills to **real-world challenges in power systems, energy access, and infrastructure development.**You'll work with a globally distributed team of engineers, data scientists, and partners, helping turn raw sensor data into meaningful insights that drive decisions.

What You'll Do

- **Data Analysis, Visualization, and Reporting**
  - Perform exploratory and investigative data analysis using Python (pandas, numpy, polars, pyspark, etc.).
  - Build compelling, customer-ready visualizations using Python data visualization libraries and Grafana.
  - Produce clear, actionable reports that communicate insights — including uncertainty and confidence in results.
  - Customize data analysis solutions for electricity distribution utilities, regulators, development finance institutions, and research groups.
  - Contribute to code architecture, implementation, and review processes for feature development and improvement.
  - Support project proposals and grant writing with targeted analysis.

- **Applied Research & Product Development**
  - Experiment with machine learning models and mathematical modeling approaches to support open-ended research projects.
  - Prototype new customer-facing data products and dashboards for utilities, DFIs, regulators, and researchers.
  - Apply descriptive and inferential statistics (confidence intervals, hypothesis testing) to assess changes in PQR.

What We're Looking For

- Recent graduate or early-career professional with a background in data science, statistics, engineering, computer science, or related fields.
- Proficiency in Python for data analysis (pandas, numpy; polars/pyspark a plus).
- Experience with data visualization libraries (matplotlib, seaborn, plotly, folium, geopandas).
- Knowledge of SQL for data extraction and manipulation.
- Strong grounding in descriptive & inferential statistics (measures of central tendency/spread, hypothesis testing, confidence intervals).
- Familiarity with time series analysis and handling high-frequency, real-world datasets.
- Experience in machine learning for predictive analytics .
- Ability to apply mathematical modeling to understand system behaviors and design data-driven solutions.
- Commitment to scientific integrity — including transparency in methods, reporting uncertainty and confidence values, and adhering to the scientific approach in designing, executing, and communicating analyses.
- Interest in applied energy and infrastructure challenges in Sub-Saharan Africa and beyond.

- Strong communication skills — ability to explain complex analyses simply and transparently.
- Self-driven, adaptable, and comfortable working in a distributed, remote-first team.

Why Join nLine?

- Work on impact-driven projects at the intersection of data science, energy, and development.
- Be part of a collaborative, diverse, and mission-driven remote team.
- Learn directly from engineers and data scientists solving real-world grid problems.
- Contribute to building data products that support **utilities, health facilities, regulators, and investors** in making better decisions.
- Grow your skills in a supportive environment while working on problems that matter.

How to Apply

Send your CV and a short cover letter (1 page max) to oderoanyango8113@gmail.com with coleearth13@gmail.com and asikoeverlyn@gmail.com in copy.