

Company: Aetheria Dynamics

Our Mission

Aetheria Dynamics is pioneering the next generation of smart manufacturing and predictive quality systems. We bridge the gap between the physical and digital worlds by deploying advanced AI and IoT solutions on the factory floor. Our platform empowers global leaders in automotive, aerospace, and consumer electronics to build products smarter, faster, and with unparalleled reliability. We are a collective of experts from Tesla, Siemens, and leading AI research labs, united by a vision to redefine modern manufacturing.

The Role: Manufacturing Data Analyst

What you will do:

- Analyze complex manufacturing and sensor data (e.g., from CNC machines, assembly lines, quality tests) to identify patterns and root causes of defects.
- Develop and automate data processing pipelines to cleanse, structure, and validate heterogeneous factory data for use in machine learning models.
- Collaborate directly with client engineering teams to understand their key performance indicators (KPIs) and translate business problems into data analysis tasks.
- Create clear and impactful visualizations and dashboards to communicate insights on production quality, throughput, and yield to technical and non-technical stakeholders.
- Work alongside our AI engineers to validate model outputs and ensure they deliver actionable, reliable insights on the shop floor.

Who you are:

- Bachelor's degree in Industrial Engineering, Mechanical Engineering, Data Science, or a related field.
- 1-2 years of experience in a manufacturing, automation, or industrial data analysis role (including internships/co-ops).
- Strong proficiency in Python for data analysis (Pandas, NumPy) and experience writing complex SQL queries.
- Ability to read and interpret technical drawings, production schematics, and engineering documentation.
- A proactive problem-solver with excellent communication skills, capable of working with cross-functional teams of engineers and data scientists.

- Familiarity with data visualization tools like Tableau, Grafana, or Power BI is a strong plus.

Bonus points if you have:

- Exposure to manufacturing execution systems (MES) or statistical process control (SPC).
- Basic understanding of machine learning concepts and their application in industrial settings.

Details:

- **Job Type:** Full-time, Permanent
- **Schedule:** Day shift, Monday to Friday
- **Location:** Bengaluru (On-site)
- **Compensation:** Competitive salary and equity package commensurate with experience.

Aetheria Dynamics is an Equal Opportunity Employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. All employment decisions are based on qualifications, merit, and business need.