Data Analyst - **SAN JOSE, CA /** **MANUFACTURING AND QUALITY /** **FULL TIME** **/ ON-SITE**

The Data Analyst will be responsible for driving the integrity and completion for our crucial workflow data. You have technical aptitude and are able to handle large data sets with facility.

We are looking for a skilled and motivated Data Analyst to join our team, whose mission is to connect and build reporting for our data systems. We are specifically looking for a candidate with experience in defining and building data aggregation and reporting systems for manufacturing facilities and who can work with a team of engineers and technicians who are developing new manufacturing processes. More broadly, the chosen candidate will work with a diverse and highly interdisciplinary team of researchers and engineers and will have access to cutting edge technology, resources, and manufacturing facilities.

In this position, you will build, monitor, and maintain metrics and dashboards, and use SPC and data to report and improve the quality of our processes. Your work will enable visibility into the overall health of our Manufacturing Operations.

**MAJOR DUTIES & RESPONSIBILITIES:**

Maintain and design data systems to receive or process data from various levels of the manufacturing process including text files, system logs, external databases, external company extract.

Maintain and design data dashboard/reporting systems to process and present data to provide greater insight into the MFG process and broader production processes in general.

Establish standards around data formatting and requirements.

Build and maintain reports, dashboards, and metrics to monitor process and battery cell performance and help create key performance indicators

Aggregation and reporting of manufacturing systems and process data, including MES data, shop floor trend data (equipment and process), metrology raw data, metrology production data, research data, and external contract data

Coordinate with manufacturing to maintain and design data systems to receive or process data from various levels of the manufacturing process including text files, system logs, external databases, external company extract

·       Streamline operations with quick and easy automation solutions

·       Assist with data on experiments, testing and auditing new or existing workflows

·       Create and enhance data pipelines, workflows, and queries-based manufacturing process flows

·       Perform structured root cause analyses on yield degradation and process variations using SPC

·       Establish standards around data formatting and requirements.

·       Assess quality of the data to ensure completeness and accuracy and when errors are detected take actions to correct errors, find root cause and change process to prevent future errors

·       Communicate with the data suppliers regarding data completeness, accuracy, transformations as well as regional data consumers in other geographies.

Analyze data errors, resolving root causes, assisting in creation flow and process description.

Deliver presentations and training courses including measurement, analysis, improvement, and control.

**REQUIREMENTS:**

BS/MS in a field that emphasizes Data Analytics/Mining and visualization (e.g., computer science, math, engineering, or statistics), or equivalent work experience.

·       5+ years of experience with data reporting and analysis in a variety of environments. MFG Systems experience

·       Experience manipulating large data sets through statistical software or other methods

·       Professional experience with SQL, reporting tools and advanced query and spreadsheet skills with design of reporting development

·       Knowledge of ERP management software’s like SAP, Oracle, Ariba, Aviva, …

·       Experience integrating data sources across broad spectrum of systems (e.g.: ERP, MES, Shop Floor Automation, etc.) Exceptionally organized and strong at execution, follow-up, and attention to detail.

·       Strong grasp on data structure and data integrity issues

·       Attention to detail and work ethic for dealing with a variety of data issues

·       Able to thrive in the hands-on, high-growth environment of a startup

·       Aggressive problem solver, curious for challenges and meet commitments

·       Ability to work on own efficiently, independently and as a team member

·       Strong communications skills (written and verbal)

·       Experience in HW Manufacturing / Product development industry is preferred

·       Six Sigma Black Belt Experience is a Plus

**Preferred Qualifications:**

Knowledge of battery process and testing

Six Sigma training and certification