Data Scientist   
  
As a Data Scientist at Micron Smart manufacturing and Artificial Intelligence organization, you will be working multidisciplinary projects in the different area which leveraging big data in Micron and Suppliers. You will be collaborating with WW Data Science Team to design and build Big Data tools/models/analytics to unlock business value from data in-sights. You are require constantly learning new front tier technology and creatively apply/deliver solutions to Mfg operations to meet BIC goal.   
  
Responsibilities and Tasks

* Work with an international team of data scientists, data engineers, software engineers, process and equipment engineers, process integration engineers, yield enhancement engineers, R&D, etc. in a collaborative manner to develop new data science solutions that improve quality, improve yield, reduce deviations, improve manufacturing cycle time, reduce cost, extend manufacturing capabilities, etc.
* Draw from a broad background of data-mining techniques in mathematics, statistics, information technology, machine learning, data engineering, design of experiments (DOE), visualization, etc. to discover insightful patterns in semiconductor manufacturing data
* Work on projects and develop solutions that would be of high impact to various areas at all manufacturing fabs
* Work closely with IT and Supplier on data management, taking an idea, access and prepare necessary data, work with data scientists to create machine learning models, develop it to an application with intuitive user interface, integrate with any pre-existing systems, demonstrate successful use cases and wins, etc.
* Developing new or enhancing prior data acquisition and ETL pipelines from various sources into big data ecosystem.
* Working with various scientific data such as equipment sensor data and logs, image and various types of signals, manufacturing process data, etc. to extract meaningful information for analytics
* Creating intuitive user interface for interactive data visualization to explain insights from data

Qualifications

* At least 5 years of work experience in data science solution implementation
* Full stack development experience prefers though not a must
* PhD in Mathematics, Statistics, Machine Learning or related field
* Strong communication skills with a demonstrable ability to lead multiple teams/projects in parallel, reporting to senior executives
* Strong analytical and creative problem-solving skills
* Strategically focused, impact oriented, highly organized and adaptable.