



Tim Long, Director, Enterprise Data Science, Micron Technology, Inc.

TITLE

Manufacturing Smart with Data Science

ABSTRACT

Micron is a world leader in memory solutions that transform how the world uses information. However, to remain a leader, innovation must reach deeper than new product design. Manufacturers must innovate internal operations, creating smart factory processes driven by data and algorithms.

In this presentation, Tim Long, Micron's Director of Enterprise Data Science, will discuss Micron's advancement to smart manufacturing (also known as Industry 4.0) and share projects that have helped Micron to improve customer satisfaction, achieve faster yield maturity for new products by 25 percent, and increase overall factory output by 10 percent.

BIOGRAPHY

Tim Long is the Director of Enterprise Data Science at Micron Technology, a global Fortune 200 leader that delivers advanced memory and storage solutions. Tim partners with leaders across the enterprise to identify and capitalize on opportunities where data science and machine learning can deliver a strategic advantage, including statistical demand forecasting, optimization of raw material inventories and other predictive models that improve the planning and execution of supply chain processes.

Prior to leading the Enterprise Data Science team, Tim led Micron's Workforce Analytics team in developing predictive hiring and attrition models for Micron's global workforce.

Tim received a BS in mechanical engineering from the University of Wyoming in 2001 and an MS in business analytics from NYU Stern in 2014.