

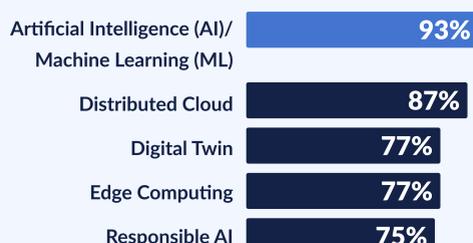
# The Future of Manufacturing Powered by AI

## The Global CIO Agenda: Tech Initiatives to Support Digital Growth in Manufacturing

### Enterprise Priorities<sup>1</sup>



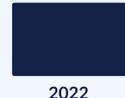
### Technologies Likely to Be Implemented by Enterprises by 2025<sup>1</sup>



AI and analytics are a top priority - 52% of global CIOs expect to invest more in business intelligence and data analytics. 37% will invest more in application modernization.<sup>1</sup>

## A Smart Future: The Driving Force Behind AI in Manufacturing

\$2.3 Bn



CAGR  
47.9%

\$16.3 Bn



With a projected CAGR of 47.9% from 2022 to 2027, the global AI in the manufacturing market is expected to increase from an estimated \$2.3 billion in revenue in 2022 to \$16.3 billion by 2027.<sup>2</sup>



Industrial operations are evolving, creating pressure on manufacturing companies. Industrial internet of things (IoT) and automation are pivotal in adopting AI-based solutions in the manufacturing industry.



Capability challenges and talent shortages are also on the rise.



Challenges include economic pressure, sustainability demands, volatile resource prices, high safety and performance standards, and supply chain disruptions.

90%

By 2025, the skills shortage will impact 90% of industrial companies, hampering production capacity and operations.<sup>3</sup>



Continuous improvement in production efficiency, resilience, and flexibility is crucial for global competitiveness.

## First Data, Then AI



Realizing the potential value of AI in manufacturing starts with the right data.



AI algorithms in manufacturing depend on large and diverse datasets for accurate predictions.



Data offers valuable insights into processes, performance, and product quality.



AI models require data to identify patterns, optimize operations, and drive improvements.

### A data-centric AI platform can support manufacturing use cases



### LATENTVIEW ANALYTICS CASE STUDY:

## Increasing Manufacturing Throughput Through Machine Learning

An early warning system based on logistic regression was created to predict downtime in processing lines for a leading snack foods company. This resulted in a \$2 million savings in cost per fryer and a potential save of \$50 million after the rollout to 30 plants across the US.

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