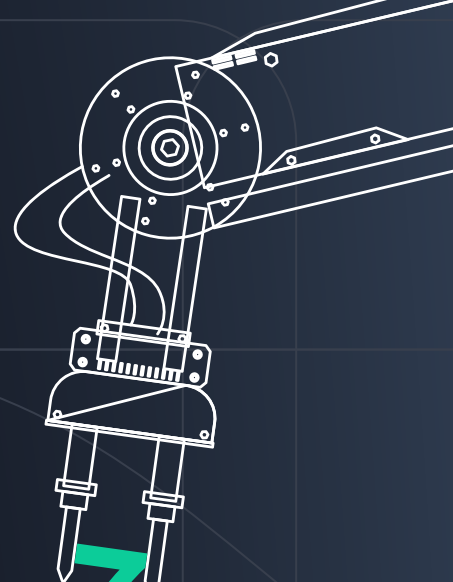


# THE STATE OF AI IN MANUFACTURING



**#1**

Manufacturing is expected to be the largest AI market among any industry by 2025

**93%**

of manufacturers believe that AI will be a pivotal technology in their sector

**87%**

have adopted AI, or plan to do so within two years

BUT **91%**

of manufacturers say their AI projects failed to meet expectations

## HOW AI IS EXPECTED TO BENEFIT THE MANUFACTURING INDUSTRY



reduction of supply chain forecasting errors



reduction in energy consumption



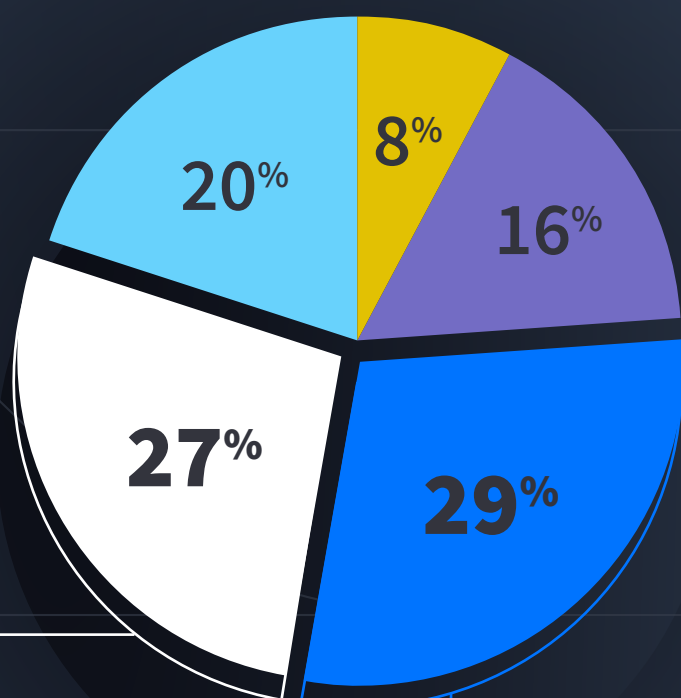
reduction in administrative cost of operations



reduction in false positives in assembly line visual inspections

## AI USE CASES IN MANUFACTURING

-  Supply chain management
-  Product development/R&D
-  Production
-  Quality Control
-  Maintenance



**27%**

Benefits of AI in Quality Control

**↑ 90%**

Improvement in defect detection

**↑ 50%**

Increase in productivity

**29%**

Benefits of AI in Maintenance

**↓ 10%**

Decrease in overall maintenance costs

**↓ 25%**

Decrease in inspection costs

Sources: Deloitte, Capgemini, McKinsey, World Manufacturing

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