



Kyndryl Data and AI Services for manufacturing

In the rapidly changing, increasingly digital world of manufacturing, data and AI initiatives are key. Many manufacturers face challenges with integrating their operational IT and business IT systems, often relying on a disconnected, siloed approach without the end-to-end visibility they need to make timely, effective decisions. As global events result in supply chain bottlenecks, manufacturing companies can respond by rebalancing operations and hiring the right skills to manage the growing complexity of their IT ecosystems.

Kyndryl Data and AI Services for the manufacturing industry

Our end-to-end services for data and AI help you gain visibility into your digital supply chain, with near real-time insights to help you plan ahead for changes. Our data and AI experts will work with you to bring your operating and IT systems and ecosystem data together, unlocking greater visibility and efficiency. We'll also help you build a strong foundation to make the most of next-generation AI, including predictive and preventative maintenance, supply chain and production optimization, and more.

- **Fit-for-purpose solutions** with composable data fabric and enterprise AI services
- **Manufacturing industry expertise** that tailors solutions to your requirements with the latest knowledge from technology partners and hyperscalers
- **Augmented data and analytics console** built on proprietary technology that reduces management complexity by providing a unified view across the data estate and full data lifecycle in distributed environments



Kyndryl Data and AI Services in action

The situation: A glass manufacturer seeking to improve operational efficiency and reduce quality defects using production line data

The challenge: Intermittent equipment outages, rising equipment maintenance costs, order delays, and an overall lack of system visibility

The approach: An IOT edge solution to manage data streams and cloud data, an AI environment to drive advanced analytics, and an on-premises, shop floor solution for operational visibility and intelligence

The projected outcome: 20% reduction in equipment downtime reduction of 20%, 10% product yield optimization, and increased visibility from business insights through real-time plant monitoring and data analysis



Key analytics use cases for manufacturing



Fault prediction and preventive maintenance
Accurately predict the likelihood of a breakdown and pinpoint the moment it will occur to reduce maintenance costs.



Demand forecasting and inventory management
Get end-to-end control of your supply chain, combined with real-time shop floor data to better manage purchasing, inventory control, and transportation.



Price optimization
Integrate pricing data to ensure your prices are set appropriately.



Product development
Enable new product development using real-world conditions generated virtually to predict performance and reduce R&D costs.



Supply chain risk management
Reduce supply chain risk with real-time data visibility from materials in transit

Why Kyndryl?

We put your business first, combining future-ready solutions with your existing data architecture to jump-start your data modernization journey. Our modern data foundation includes a data fabric blueprint and governance strategies delivered with automated tools and workflows. You gain access to global expertise through our people, IP, and partnerships, all while using our single, unified console.

[Learn more](#) →

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