



Transforming **INDUSTRIAL ORGANIZATIONS**

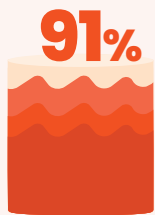
to Grow, Lead, and Win with Data and AI

Tredence is a data strategy & AI partner accelerating manufacturing and supply chain transformation with a dedicated Industrials vertical spanning Manufacturing and Energy & Utilities.



DATA-DRIVEN OPERATIONS

Are Key to Industrial's Future



of surveyed manufacturing executives consider data sharing to be at least somewhat important, with 71% giving it significant importance.*

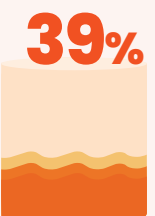
Manufacturing organizations are sitting on mountains of data, and they can unlock value from many applications themselves using only internal data. But, advanced data and analytics applications require data at an ecosystem level.



of manufacturing companies consider advanced analytics to be more important now than they were three years ago.*

Advanced analytics applications will create value through increased productivity, customer experience (improved service level and personalization), and sustainability commitment.

*Source: World Economic Forum



of companies have managed to scale data-driven use cases beyond a single value stream (the production process of a single product).*

What challenges are industrial organizations facing to scale further and implement data and analytics solutions within their plants and across networks?



Insufficient skills and capabilities (26% of executives surveyed)



Data-security risks (24%)



Lack of effective applications to process and make sense of data (22%)



Complex internal governance and processes (22%)



Roles and responsibilities not clearly defined (20%)

Industrial enterprises are facing both technology and organizational challenges in implementing data and analytics applications. Though they have a wealth of data, they need to define a clear data-to-value roadmap along with the required digital skillset for data-based decision-making. Overall, industrial organizations need to increase their digital maturity to meet technology priorities and create the backbone for intelligent business decisions.

WHY TREDENCE

Tredence unlocks data-value realization and enables intelligent decision-making

Envisioning data strategy and building the decision intelligence engine for leading industrial organizations. Propelled by our vision to become the world's most indispensable AI and analytics partner, we drive last-mile adoption of AI. This enables leading industrial organizations across different verticals to realize the full value of their analytics investments.



Powering the data & AI strategy
of Fortune 500 Industrial Firms



Databricks Partner of the Year
for three years in a row



Best-in-class 94% NPS
customer satisfaction score across
100 engagements



Accelerator-led approach for
Smart Manufacturing, SCM, and
Customer Analytics use cases,
expediting time to value by 50%



Certified talent in leading
technologies such as **Azure,**
GCP, AWS, and more



2025 'Leader' in the Forrester & ISG
Provider Lens™ Analytics Services
Provider Study 2024

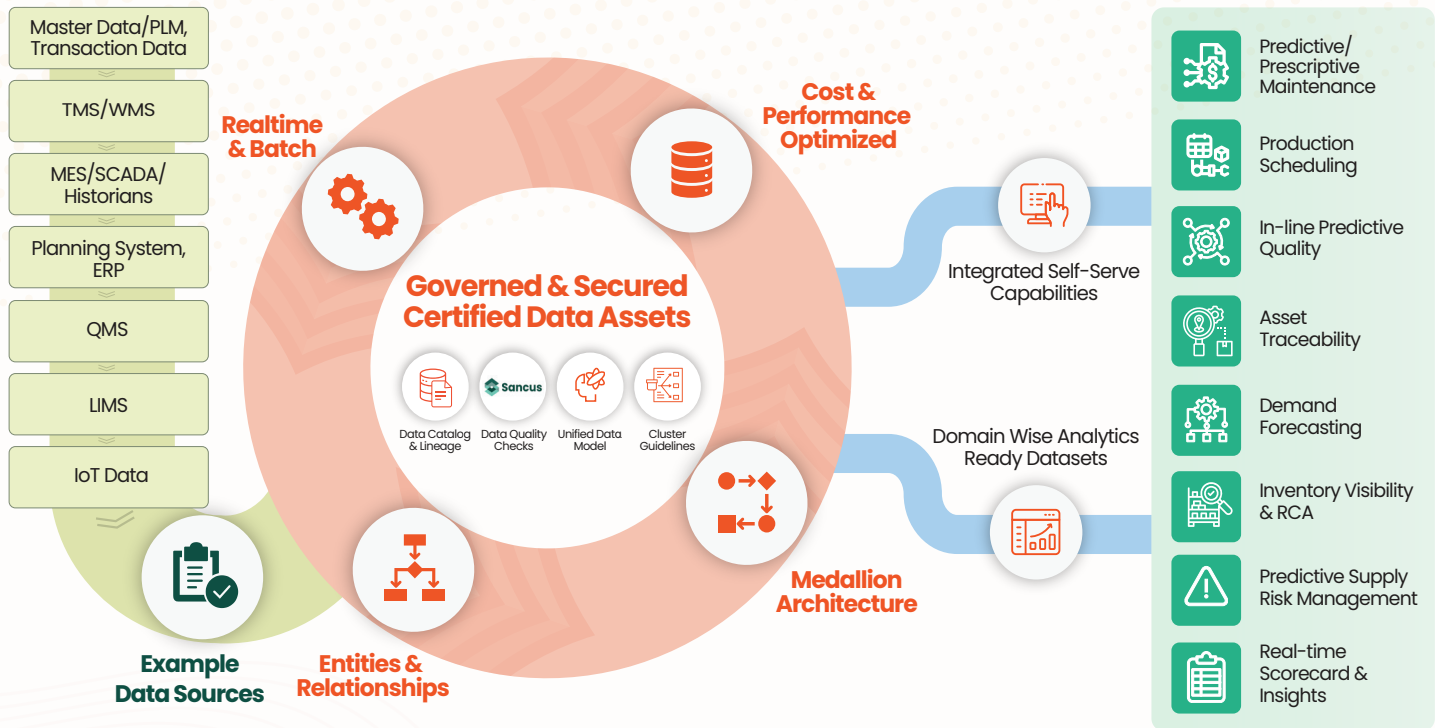


3,500+ data scientists and data engineers
from tier 1 technical institutes, statistical schools, and
business schools with advanced degrees

ACCELERATING INDUSTRIAL Data & Analytics Modernization

Unified Supply Chain and Smart Manufacturing Data Model

Tredence has modernized data and analytics for leading industrial organizations and completed "migrate to modernize" initiatives to enable unified, governed, real-time data to power enterprise AI and BI use cases.



■ Source Systems ■ Unified Data Model ■ Data Platform ■ Real-time Consumption

Select Clients in the Industrial Domain



Leading Integrated Business Conglomerate

LLM-Powered Commodity Forecasting

- ▶ >98% Daily Index Forecasting Accuracy
- ▶ >96% 60 Days Ahead Forecasting Accuracy



Large Global Diversified Engineering, Manufacturing & Technology Company

Fire Safety Efficiency Improvement

- ▶ 100% Improved Visibility into Risk factors
- ▶ ~12% Reduced False Cycles



Large Cement Manufacturer

Quality Control Analysis

- ▶ \$13M+ Cost Savings
- ▶ ~150K Tons CO2 Reduction



Leading Global Conglomerates

Production Planning & Optimization

- ▶ \$2M+ Budget Savings
- ▶ +15% Avg. Improvement in Production Planning Time & WIP Inventory



Leading Firm in Water Treatment & Cleaning Products

Supply Chain Digitization & Optimization

- ▶ 9% Reduction in required Shipment
- ▶ 15% Shipment Utilization



US-based Industrial Aluminum Company

Quality Prediction & Rolling Process Optimization

- ▶ 23% Drop in Number of Production Stoppages
- ▶ ~7% Increased Product Quality



Global Specialty Materials Company

Data Platform Modernization

- ▶ 90% Improvement in Data Availability
- ▶ 60% Decrease in Infrastructure-related Incidents



Global Leader in Marine & Offshore Asset Services

Gen AI-powered Knowledge Retrieval System

- ▶ 7-10% Increase in Revenue
- ▶ \$10-\$15M+ Cost Savings

INDUSTRIAL SERVICES OFFERINGS:

Driving Higher Performance, Lower Cost, and Speed to Insight Through Pre-Built Accelerators



Migrate to Modernize

Readymade Solutions Available for SAP, Salesforce, SQL Server, Teradata, Oracle, Cloud Native RDBMS, Shopfloor (MES/Historians/IoT Data)

Databricks Certified Accelerators



- **T-Discoverer:** Design & Scope
- **T-Ingestor:** Metadata-driven ingestion
- **SAP BDC + Databricks:** Enmesh SAP & Non-SAP Data
- **Cloud Eye:** In-house observability solution
- **DQuest:** AI-driven quality solution
- **Sancus:** AI-driven data enrichment & harmonization

Industry-Based Domain Data Models



- Procurement
- Production
- Transportation
- Inventory Management
- Order Management
- Warehousing & Distribution
- 300+ Mart Objects
- 150+ Aggregates
- 250+ KPIs

Unity Go Accelerator



- Co-developed & approved by Databricks solution architects
- Accelerates Unity catalog migration by 60%

Industry-Certified & Experienced Team of SMEs



- 20 Databricks Champion
- 600+ Databricks Certified Practitioners
- 1100+ Certified Cloud Practitioners
- 2000+ Data Engineers
- 1000+ Data Scientists



Smart Manufacturing

⚡ Predictive/ Prescriptive Maintenance:

Fault detection & diagnostics;
recommended operating settings

⚡ Connected Insights using Digital Twin:

Asset & process twin analysis

⚡ **In-Line Predictive Quality:** Quality visibility & alerts, anomaly detection, defect traceability

⚡ **OEE Improvement:** RCA, continuous monitoring, asset reliability, process optimization

⚡ **Production Scheduling:** Disruption detection, risk assessment, sequencing decisions, maintenance planning

⚡ **Gen-AI Ops Bot:** Natural language-based query response bot for quality control and maintenance support

⚡ **Edge AI:** Feedback & feedforward loops and process automation

⚡ **Asset Traceability:** Asset's journey, from raw materials to final destination, by capturing data like location, condition, etc., throughout its lifecycle



Supply Chain Management

⚡ **Demand Forecasting:** Demand visibility, scenario planning, intelligent forecasting models

⚡ **Logistics Command Center:** E2E logistics visibility & RCA, inbound logistics optimization

⚡ **Predictive Supply Risk Management (PSRM):** Shipment tracking, inbound order delay prediction, supplier risk mapping

⚡ **Inventory Visibility & RCA:** Dynamic planning, inventory optimization, risk management, performance analytics



Customer Analytics

⚡ **Test and Learn Platform (TALP):** Rapid experimentation and learning

⚡ **Customer 360:** Deep ML-powered customer insights

⚡ **Customer Journey Optimization:** Scale CX feedback with signals

⚡ **Customer Segmentation:** Targeting and segmentation based on customer behavior analytics insights

OUR GROWING GALAXY OF ACCOLADES

Endorsed by hyperscalers & leading independent analysts



Tredence has been a trusted partner to our Data & Analytics team. Their deep expertise in cloud data platforms—along with their strong capabilities in building and supporting data engineering pipelines, DataOps, and MLOps frameworks—has led to significant improvements in our internal processes and delivered measurable cost savings. As we advance on our AI journey, Tredence continues to be our partner of choice to help us achieve our long-term strategic objectives.



Scott Sacha

VP Enterprise Data & Analytics,
Novelis



Tredence has been a long-standing, trusted partner in transforming our supply chain analytics through deep domain expertise, data engineering, ERP data integration, self-service analytics, and robust BI and data warehousing solutions. Their work has unlocked significant cost efficiencies across our operations. We are now working together on new capabilities around Generative AI to be future-ready.



Sudhakaran Selvaraj

Delivery Head - Data Engineering
& Data Science,
Ecolab Digital Center



We are excited to work with Tredence. What always impresses me is the response you get from Tredence's customers. They have one of the highest Net Promoter Scores of any company that I have seen. We are really excited to collaborate with Tredence.



Rob Saker

RVP Global Industry Leader,
Retail and Manufacturing,
Databricks



HARNESS THE POWER OF DATA FOR SMART DECISION-MAKING

Talk to industrial experts born and
bred in full-stack AI to:

-  **Take the first step** in understanding the strategic priorities and business context
-  **Assess the data and technology** landscape for technical feasibility
-  **Develop a data & AI strategy roadmap** to transform your business
-  **Leverage pre-built AI accelerators** to deliver immediate wins in weeks

SCHEDULE A 1:1 MEETING

with our AI experts and explore how to
transform your industrial organization by
embracing data and AI!

[Talk to Tredence](#)



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