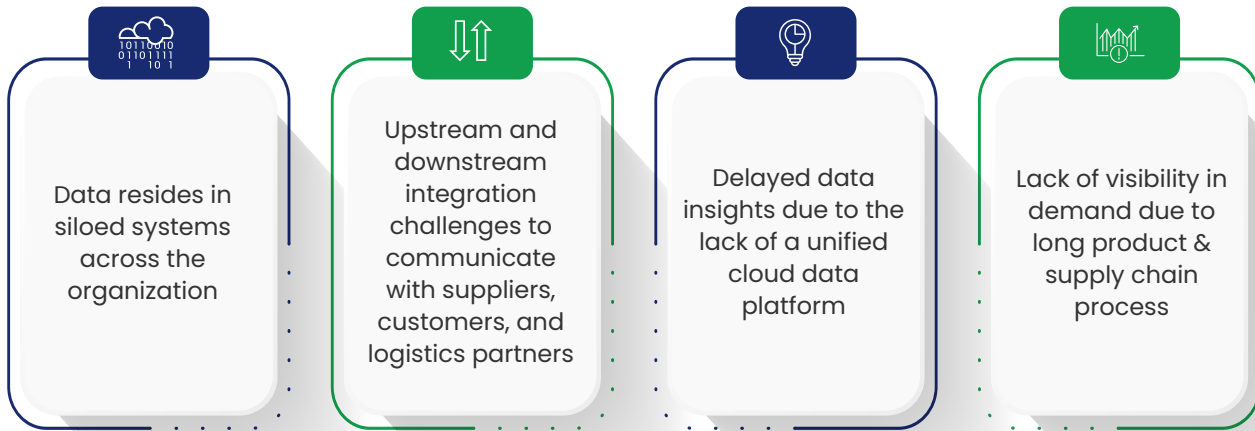
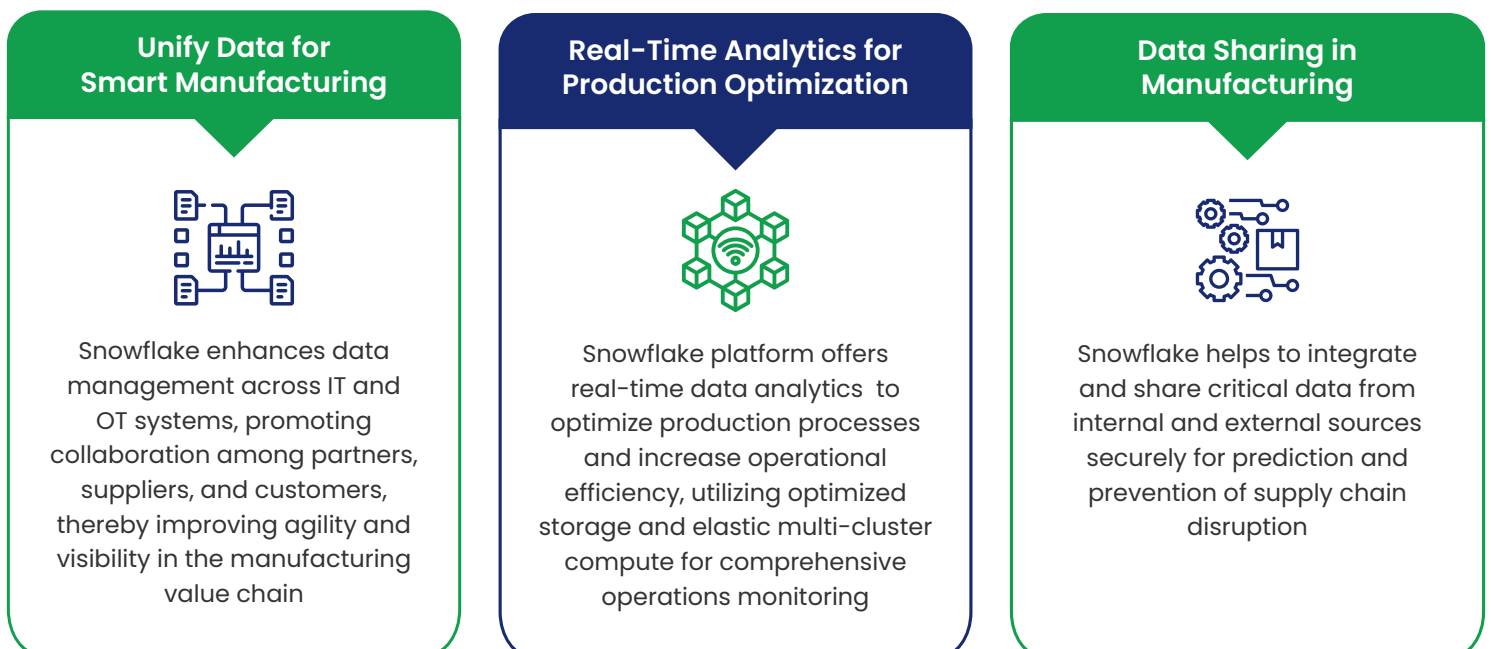


Experience the transformative potential of AI-first digital engineering in manufacturing complemented by Snowflake's cutting edge capabilities and the power of Generative AI

## Key challenges



## Why Snowflake for manufacturing?



# Quantphi's rapid start packages across manufacturing value chain

## AI First Digital Engineering

Reimagining the Digital Stack

- Experience
- Automation
- Intelligence
- Data
- Infrastructure

### Transform Customer Engagement



Hyper Personalization



Chatbot & Virtual Agent Assist



Customer Sentiment Analysis



Product Recommendation



Predictive Maintenance

### Automate Manual Process



Fleet & Route Optimization



Inventory Forecasting



Warehouse Operation Analysis



Visual Quality Inspection



KPI Measurement

### Analytics & Insights



Supplier & Risk Analytics



Customer Acquisition & Retention



Warranty & Claims Analytics



Warehouse Operation Analysis



Spend Analysis

### Data Modernization



Customer 360



Data Quality



Centralised Data Lake



Data Strategy Assessment



Data enrichment for CDD

### Cloud Transformation



Cloud Strategy



Cloud Foundation



Cloud Migration



Cloud Consumption



Cloud Modernization

## How can AI-powered solutions on Snowpark transform the manufacturing sector?

### Data Transformation

Transform data into meaningful insights by building ETL pipelines to clean, manipulate, and integrate disparate systems

### Data Integration

Integrate internal & external data to analyse global spend analysis, IOT data, inventory sharing etc

### Transform Customer Experience

Leverage structured and unstructured data to improve plant safety and operations, optimize inventory models with predictive forecasting, improve logistics and supply chain visibility

### Data Engineering

Build robust & efficient data pipelines with Snowpark to ingest data from various sources

### Flexible Coding

Snowpark enables flexible coding with wide variety of language support for complex workloads

### Data Visualization

Unlock insights with real-time ingestion and data visualization

## Key success stories



### Engine Defect Detection

Reliable and scalable quality inspection powered by custom ML

Developed custom computer vision model to provide real-time pass/fail decision for defect detection of the engine casing on the assembly line with an active learning pipeline. It led to **\$10M** potential savings on inspection cost



### Predictive Maintenance

Multinational energy corporation wanted to reduce the high cost and facility downtime in their oil rigs

Quantiphi built a data pipeline from client's on prem to cloud that routes telemetry data to APIs, datastores, and visualization platforms in order to accurately predict compressor failures to minimize downtime



### Yield Maximization

Leading agribusiness firm wanted AI-assisted to optimize process parameters and maximize yield

Quantiphi migrated **7 TB+** historical data for each table to deploy a unified data warehouse. This enabled data driven process parametric changes and interventions to maximize yield

## Leverage our industry leading talent pool to accelerate your digital transformation journey



**390+** Snowpro certified professionals



**46+** Snowflake accreditations



**450+** with hands on experience

## Awards & Accolades



Quantiphi is an award-winning AI-first digital engineering company driven by the desire to reimagine and realize transformational opportunities at the heart of business. We are passionate about our customers and obsessed with problem-solving to make products smarter, customer experiences frictionless, processes autonomous and businesses safer.



Follow us on:



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