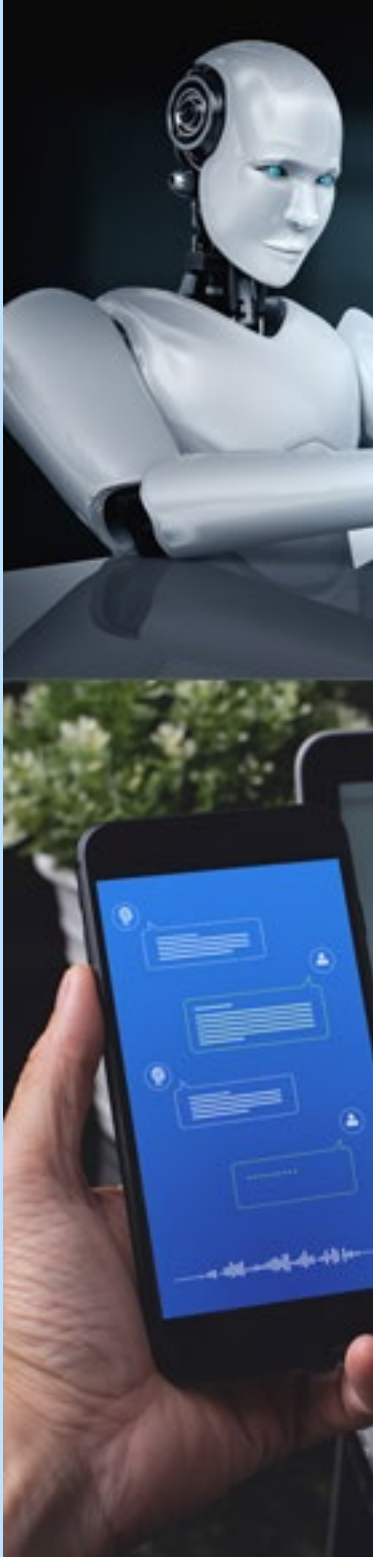


# INFOSYS AUTONOMOUS DATA & AI ESTATE

FULLY MANAGED OFFERING  
TO MANAGE, GOVERN AND  
TRANSFORM YOUR DATA AND  
AI LANDSCAPE



## Business Imperatives

Enterprises are evolving to be connected, intelligent, sentient and have symbiotic relationship with all participants in the emerging digital ecosystem to deliver on imperatives like hyper-personalization, improved risk management and uncover newer revenue models in a continuously changing business landscape. Future enterprises will be built on a foundation of cloud native AI powered platforms and services that connect data to realize the vision of a connected ecosystem. As enterprises embark on this digital transformation journey, managing Data @Scale is critical to enable enterprises to learn from data and network with an ecosystem of partners to adopt new business models.

In this journey of digital transformation, enterprises are:

- Spending more time managing data and platforms than driving business outcomes
- Investing more on building data pipelines and reports than making business decisions
- Unable to deliver ROI promised by data driven transformation, even on cloud
- Caught up in a constant cycle of POCs and technology evaluation and unable to industrialize and scale in the connected economy

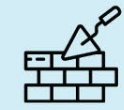


### Infosys Autonomous Data & AI Estate

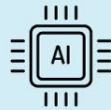
Infosys Autonomous Data & AI Estate offers perfect solution to these problems and provides a fully managed service that leverages AI across the data and AI engineering lifecycle to navigate from “High Touch” engineering process to a “Touch [Less]” process to manage Data @Scale. The offering powered by solutions takes comprehensive accountability to manage, govern and transform your data and AI landscape to reduce the total cost of ownership by up to 45% while ensuring security, compliance and SLA compliance as you embark on your modernization journey

SERVICE	ASSETS
<p><b>MANAGE</b></p> <p><b>Platform/Tooling Services</b> Environment Management   License Management   Subscription Management   Tooling Management   Security Management   IT Service Management   Platform Engineering   Automation   Governance</p> <p><b>Application Support Services</b> Application Monitoring   Pipeline Monitoring   Model Monitoring   Break-fix   IT Service Management   Performance Engineering   Automation   Governance</p> <p><b>Data &amp; Analytics Operations</b> DevSecOps   DataOps   MLOps</p>	<p><b>SPARTAN Assessment Framework</b> Assess, rationalize and prioritize legacy on prem workloads and arrive at dispositions and migration approach</p> <p><b>Infosys Data Operations Workbench</b> One stop solution for provisioning, data and tool diagnostics, monitoring, cost management, security &amp; compliance and service governance</p> <p><b>Infosys AI Factory</b> Enterprise scale AI tool kit that reduces 30-40% effort in ML engineering</p> <p><b>DNA BOT Factory</b> 90+ AI and Machine Learning based intelligent BOTs aligned by ITIL Functions</p> <p><b>Infosys Data Wizard</b> Enable Data Estate Modernization through accelerated migration of data, code and reports</p> <p><b>Infosys Information Grid</b> Metadata driven framework to accelerate next gen data pipelines by 50%</p> <p><b>Infosys Autonomous Data Engineering</b> AI driven services for Data Tagging, Data Mapping, Data Cleansing, Data Certification and Cost Management combined with domain ontologies to accelerate data engineering life cycle by 30%</p> <p><b>NextGen Consumption</b> 50% improvement in insights consumption and 30% reduction in report inventory through cognitive interfaces, contextual foresights and automated narrations</p>
<p><b>GOVERN</b></p> <p><b>Optimization and Rationalization</b> Workload Profiling   Compute and Storage Optimization   Consumption Optimization   Landscape Assessment   Rationalization   Consolidation</p> <p><b>Cost Management</b> Cost Optimization   Metering   Chargebacks</p>	
<p><b>TRANSFORM</b></p> <p><b>Data Engineering &amp; Modernization Services</b> Migration Services   Autonomous Data &amp; AI Engineering   Autonomous Unified Governance   Autonomous Consumption   Autonomous Operations</p> <p><b>AI/ML Engineering</b> AI/ML Automation / SDK   AI/ML Engineering &amp; Augmentation Services   Marketplace Services   Model Management &amp; Governance</p>	

# Leveraging Databricks scalable poly cloud lakehouse architecture, the offering accelerates digital transformation across industry segments



Databricks



Infosys Autonomous  
Data & AI Estate



Accelerated business outcomes
Increased cloud adoption
Committed TCO reduction
Self-funded modernization
Simplified operations across a hybrid landscape
Lower vendor management overheads

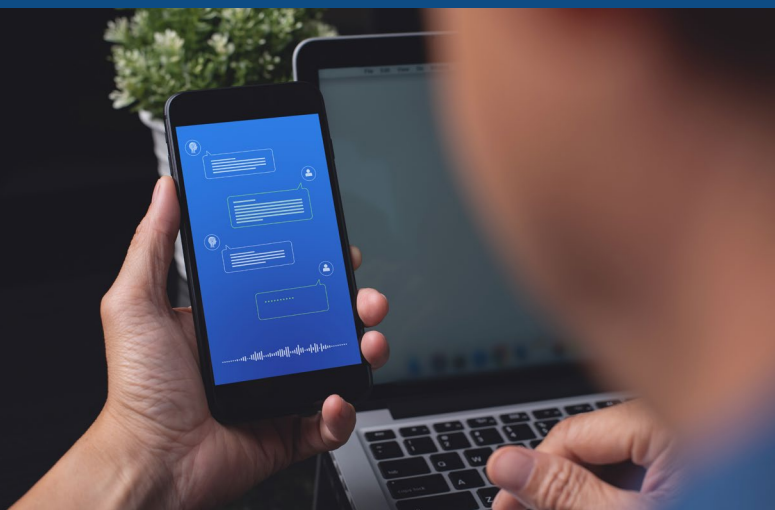
## Success Stories

### Realization of AI @Scale for World's Largest Coffee Retail Chain

- Infosys helped in formulating the AI/ML Strategic Roadmap moving from Adhoc manual deployment to scalable automated deployment.
- Set up of ML Engineering & Ops Managed Services. Actionize the laid out strategic road map with multi pod set up for ML Ops Core, ML Ops SDK, ML Augmentation Services, ML Service Delivery and ML Model Management & Governance.
- Generalized metadata driven solution framework and MLOps SDK to deploy and consume the ML Models and ML infused data from publisher and serve them to the consumer.
- Fully integrated with Azure Stack, databricks and ML Flow.
- 40% effort saved in AI Data Preparation and engineering
- 60% effort saved for model operationalization
- 4x faster deployment
- 95% Service uptime
- Well defined SLA oriented SOP

### Retail Intelligence Cloud powered by Autonomous Engineering for a large CPG client

- Retailer Onboarding spans across 11 days
- Multiple stakeholders' involvement
- Multiple manual interventions needed in the onboarding process
- Objectives
  - Digitize data engineering life cycle
  - Productivity improvement by 50 %
- Ontology driven service to organize the PoS domain information
- Ontology services utilize the databricks lakehouse architecture to realize unified retailer data analytics platform
- Designed engineering services around this ecosystem
  - Auto Engineering Services
  - Auto Certification Services
  - Auto Data Mapping Services
  - Auto Cost Management Services
- 50X faster time to market for the new retailers to be onboarded
- 30X
- Effort saved to deliver new capabilities to the existing ecosystem



For more information, contact [askus@infosys.com](mailto:askus@infosys.com)



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