

INFOSYS DATA & ANALYTICS PLATFORM

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cobalt



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Navigate your next

Create a future ready enterprise with integrated analytics and managed services on cloud

Data is a strategic asset to enterprises worldwide and can provide a competitive advantage by helping create better customer experiences, drive operational efficiencies, mitigate risks and create new revenue models.

Today, around 85% of the data that enterprises need, comes from outside of their four walls. Today, data connects people, processes, machines and even different industries to open up a new world of opportunities. Data creates compounded value as it transcends boundaries creating new potential that can transform industries. This data economy is enabling collaboration across multiple industries helping enterprises industrialize analytics and innovate their business models.

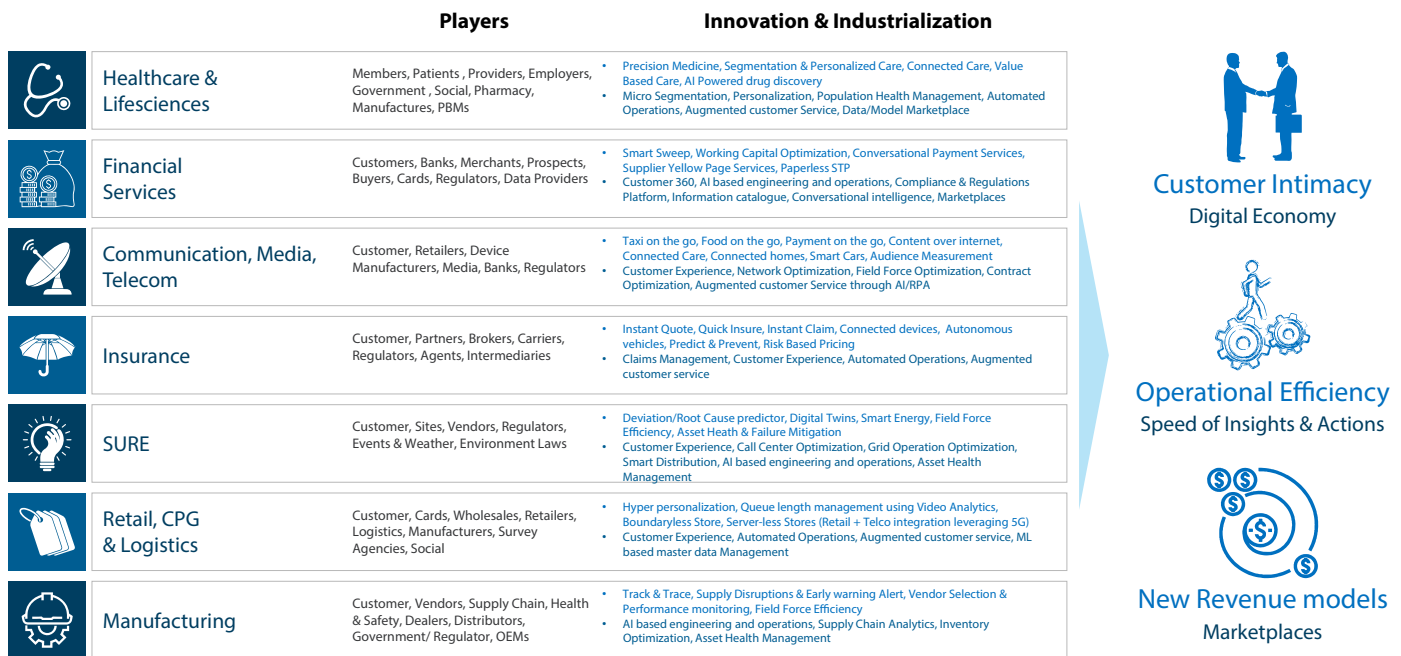


Fig 1: Possible innovation and industrialization across industries

Challenges of Operating in a Data Economy

Operating in a Data Economy requires an integrated set of data and analytical capabilities clubbed with AI driven automation to drive agility and innovation at scale.

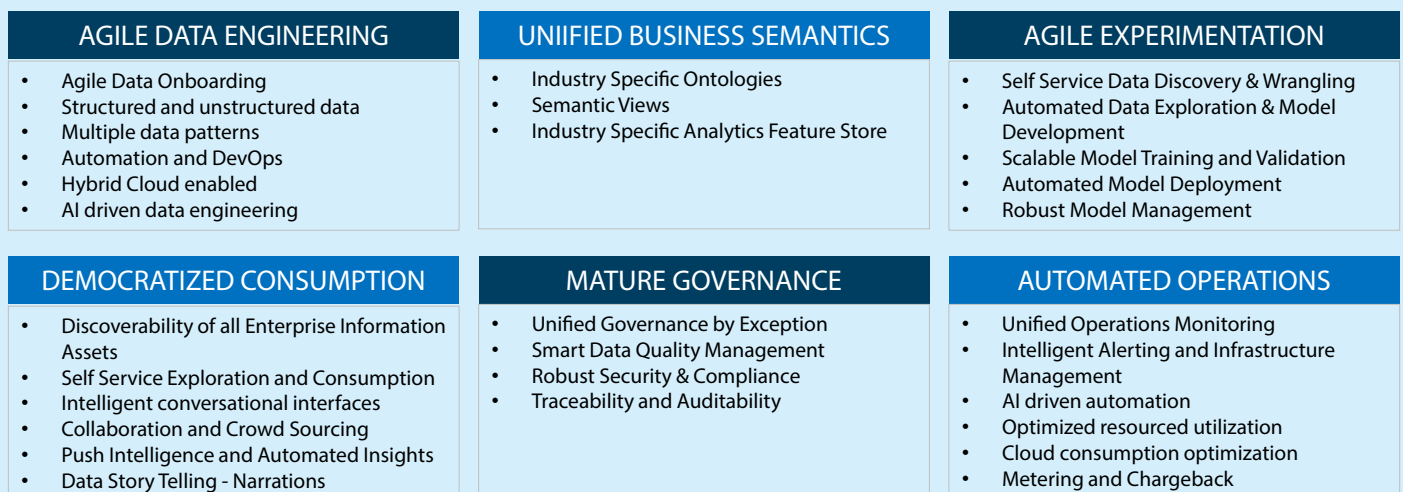


Fig 2: Integrated set of analytics & AI capabilities needed in a data economy

However, enterprises are struggling to enable these capabilities due to complexities across hybrid cloud infrastructure, constantly changing technology landscapes and fragmented and complex data eco systems.

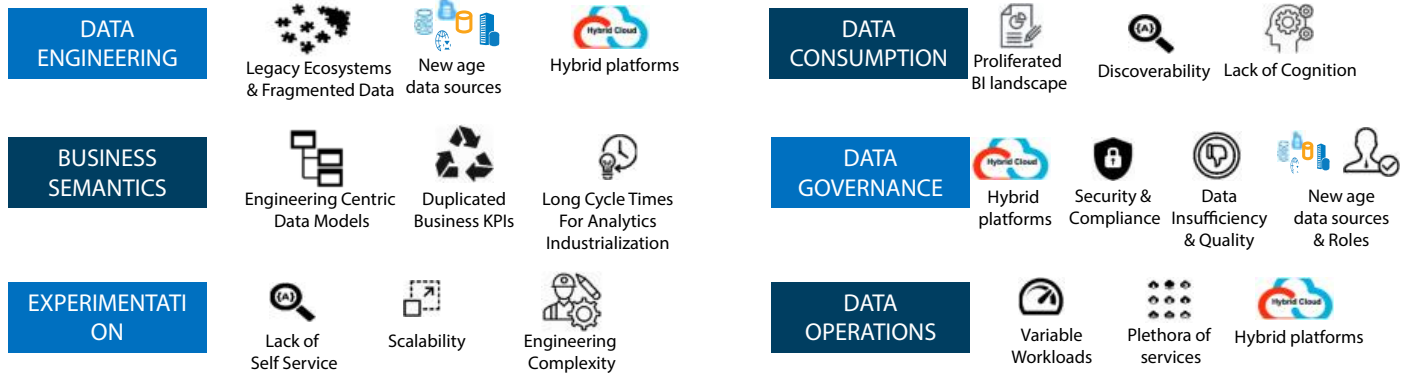


Fig 3: Challenges faced by enterprises

Infosys Enterprise Data and Analytics Platform

The platform addresses all these challenges and provides a comprehensive suite of modular solutions to drive business outcomes through agile experimentation and automation.

The modular suite of solutions built primarily on open source stack, spans the entire spectrum of the Data Management

and Analytics life cycle and helps build an enterprise data foundation, unified business semantics, data science experimentation and industrialization of analytics supported by robust governance and operations

We partner with cloud service providers to offer 'Infosys Enterprise Data and Analytics

Platform as a fully 'Managed Services Offering' to help enterprises navigate the complexity of solutions, platforms and cost of ownership. This provides a flexible subscription based pricing model for the core platform and a comprehensive catalog based pricing for services across data engineering, analytics and insights to optimize the cost of insights delivery.

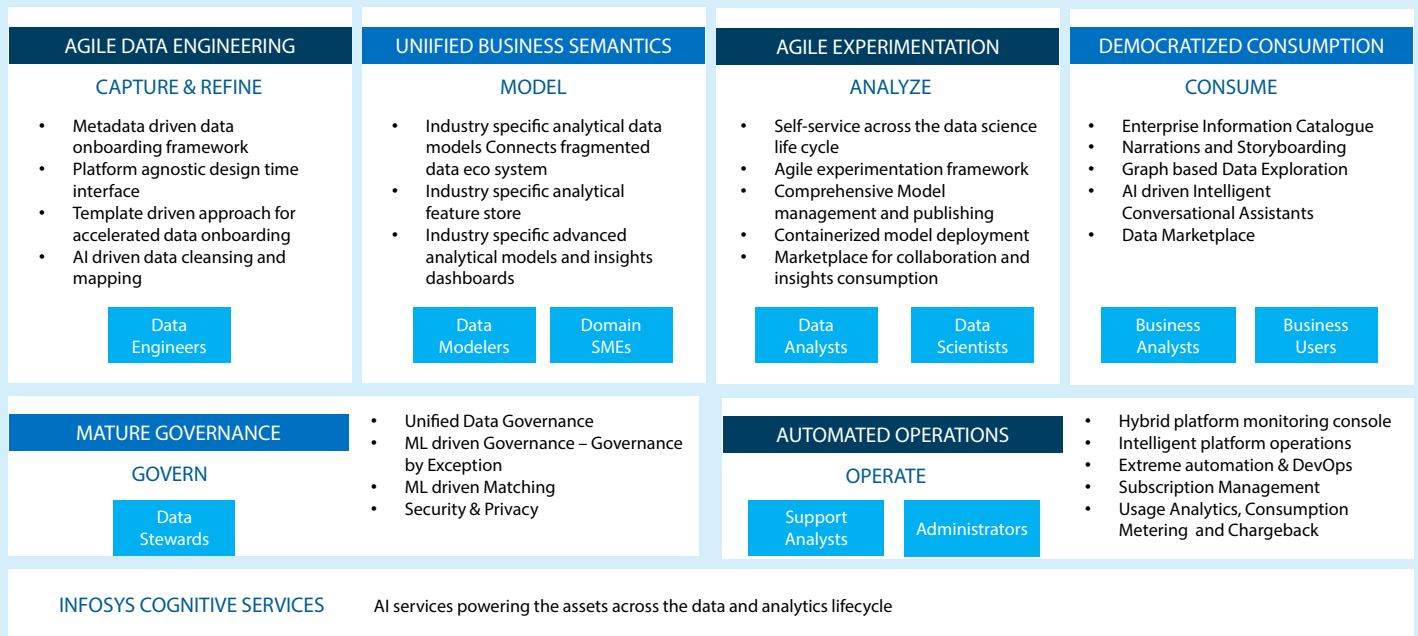


Fig 4: Layers of the platform

Benefits



Time to Market

- Ready to use, enterprise hardened, end-to-end platform
- Tooling to enable agile data onboarding and experimentation
- AI driven automation to accelerate all stage of the data and analytics life cycle
- Migration services to accelerate cloud adoption



Cost of Ownership

- Cost Takeout - License cost reduction by eliminating legacy tool stack
- Open source + Cloud Native to drive down ongoing cost of insights
- Cloud consumption optimization through JIT provisioning and spot instances
- Reduced overheads in vendor and contracts management
- Better cloud services pricing than EA with no upfront volume commitment
- Metered consumption to enable internal chargebacks



Security

- Fully integrated with AD/LDAP and Cloud security services
- Secure key management
- Integrated modules for PII/PCI data discovery, encryption and masking
- Compliant with regional regulations through Geo Fencing and Ring Fencing enabled through cloud providers
- Integrated Data Governance and Operations to enable traceability and auditability across the entire data and analytics life cycle



Scale

- Unlimited scalability leveraging on-demand availability of resources to meet your business needs
- Containerized micro-services to provide unlimited horizontal scalability

Success Story

For a leading multinational banking and financial services company, we leveraged the platform to reduce cycle time of global liquidity reporting generation by 80%. We did this by accelerating data onboarding and processing on cloud and reduced license costs by \$8 MUSD annually through open source frameworks. The platform also augmented and accelerated investigation of Anti Money Laundering cases with the platform's Risk & Compliance capabilities.



Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 14,000 cloud assets, over 200 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

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