



D&A Azure Fabric Offering



Microsoft Fabric transforms business with Embedded intelligence

“OneLake and One Analytics Platform” - complete, end-to-end analytics product that addresses every aspect of an organization’s analytics needs with a unified experience in a collaborative way - Irrespective of data location

For Whom

For Organizations – for those who wanted to use the power of data wherever it is at lowest possible cost in fastest time frames
Business Roles – Executive Leadership team data scientists, data analysts, and business users
IT roles - data engineers, data warehousing professionals

One Analytics Platform for all

- Data Factory with 150+ Connectors (for cloud and on-prem) with drag & drop experiences for ingestion and transformation
- Synapse Data Engineering – Great authoring experiences for Spark with collaboration
- Synapse Datawarehouse - Converged Lakehouse experience with open data formats
- Synapse Real-time to enable advanced analytics on massive volumes of real-time streaming data
- Synapse Data Science- End-to-end workflow for data scientists to build sophisticated AI models – build, collaborate, train, run, and manage ML models
- Power BI in Fabric provides industry-leading visualization and AI-driven analytics that enable business analysts and business users to gain insights from data
- Data insights and actions are deeply integrated with “Microsoft 365 applications”
- Universal Compute, Store and Security management

- Leverage the power of generative AI against their data and assist business users to find insights on their data
- With Copilot in Microsoft Fabric , users can use conversational language for dataflows and pipelines, generate code and entire actions, build machine learning models, or visualize results.

AI Powered
Create your own conversational language experiences that combine Azure OpenAI Service models and their data and publish them as plug-ins.

Context/Need:

- Unable to service the business with right data at optimal Cost & within Time, constrained by the data infrastructure & Data foundation to ensure availability, discoverability, relevance & Traceability of data
 - Delayed response to business request for data
 - High Manual Effort for reconciling data across applications
 - Ability to provide for connected customer and employee experience

Service Overview: Service advises the customer on modernizing the data foundation and infrastructure systems to be able to service business needs faster and cheaper. Assessment comprises of analysis of existing data foundation & associated infrastructure, creation of targeted architecture and the roadmap to realize the targeted architecture using Microsoft Fabric technology

Scenarios

- Workloads - On Premise SQL Server, On Premise Complete Data platforms , ADL / Synapse workloads
- Complete Data estate – Cloud / On premise estates

Sonata Solution / Service Description :

Scope:

- One business unit with data foundation/ Data Infra

Estimated Timelines:

- 4-6 weeks

Assess

- Analyze data & decision ecosystems
- Analyze Data with industry data model, Cross implementations and data foundation (Governance, Security, Data Maturity)

Design

- Define modern data platform and components
- Design deployment architecture on Microsoft Fabric

Plan

- Roadmap and execution / deployment model for Execution
- Implementation Business Case

Sonata Advantage:

- Accelerator Tools
 - Assessment tool for capturing the relevant information
 - Analysis tool for identifying gaps between industry model and existing data foundation
- Accelerator Frameworks
 - Architecture Blueprints with 3D model
 - Sonata's Industry Domain library
- Technology
 - Microsoft Fabric Expertise

Benefits

- Architecture that solves the existing constraints of business and is designed for change and flex for future needs
- Cost Effective & accelerated implementation roadmap with incremental agile releases

Insight driven modern unified data platform for intelligent & agile enterprise – New Platform

Context/Need:

- Customer with multiple data platforms across hyperscalers and on premise wanting to create a single connected data mesh to enable improved insights, customer experiences, employee experiences and agility
- Customers with significant data movement costs and performance issues related to data processing

Service Overview:

This service realizes a Microsoft Fabric based modern connected distributed data estate for enabling business to realize business insights faster with minimum operating cost, for improved customer experience and employee experience

Scenarios

Data silos across on prem and cloud sources
No existing data platform

Sonata Solution / Service Description :

Technology –

Our data foundation service will leverage Microsoft Fabric for its ability to –

- Build lake centric data foundation
- Cross domain & platform data mesh
- AI induced productivity & intelligence within the platform
- Cost optimum resource provisioning & utilization
- End to end data & analytics capabilities
- Next generation e2e security & data governance capabilities

Service components –

- Consulting – Architecture & Design
- Implementation – End to end implementation. Seamless data migration. incremental delivery of modernization
- Experience – User adoption support & sustenance

Sonata Advantage:

- Accelerator Tools for Fabric adoption
 - 3D Mesh Pipeline and ingestion accelerators (search Metadata, Catalog and lineage)
 - Tool for mapping & transformation into Industry Domain
- Unique data platform building process (18 point data characteristic framework)
- Expertise
 - Largest Pool of Fabric experts (300+ experts)
 - Launch partner, early adoption partner and significant contributor to evolution of the product
 - Industry domain and data model and 3D model based model design
- Experience
 - 3 completed engagements and 5 in pipeline

Benefits

- Faster adoption of cloud platform at lower service costs
- Faster Adoption of industry common data model by 30%
- Agility of building interconnected data platform faster by 20% - we build platforms using principles aligned to scalable, open, connected and intelligent
- Optimized cost of building, running & sustaining enterprise data estate and analytics with Microsoft Fabric's SaaS pricing,
- AI induced automation experience and Sonata expertise & toolset

Insight driven modern unified data platform for intelligent & agile enterprise – Existing Platform

Context/Need:

- Customer with multiple data platforms across hyperscalers and on premise wanting to create a single connected data mesh to enable improved insights, customer experiences, employee experiences and agility
- Customers with significant data movement costs and performance issues related to data processing

Service Overview:

This service realizes a Microsoft Fabric based modern connected distributed data estate for enabling business to realize business insights faster with minimum operating cost, for improved customer experience and employee experience

Scenarios

Data estate across multiple clouds

Data estate on Microsoft Hybrid cloud

Sonata Solution / Service Description :

Technology –

Our data foundation service will leverage Microsoft Fabric for its ability to –

- Build lake centric data foundation
- Cross domain & platform data mesh
- AI induced productivity & intelligence within the platform
- Cost optimum resource provisioning & utilization
- End to end data & analytics capabilities
- Next generation e2e security & data governance capabilities

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- Experience
 - 3 completed engagements and 5 in pipeline

Benefits

- Faster integrated cloud platform at lower license and service costs
- Adoption of industry common data model by 30%
- Agility of building interconnected data platform faster by 20% - we build platforms using principles aligned to scalable, open, connected and intelligent
- Optimized cost of building, running & sustaining enterprise data estate and analytics with Microsoft Fabric's SaaS pricing,
- AI induced automation experience and Sonata expertise & toolset

Microsoft Fabric adoption for modern Data Estate

Context/Need:

- Business is constrained by data foundation in realizing customer experience, employee experience & Agility (Data silos / complexity)
- Current data estate (infra & foundation) requires significant cost and time to scale and meet expectations (Data integration, engineering and quality)
- Ability to enable discovery of data and allow business realize insights with minimal cost & optimized movement of data

Service Overview:

- This service realizes a Microsoft Fabric based modern data foundation for enabling business to realize business insights faster with minimum operating cost, for improved customer experience and employee experience

Scenarios

- On Premise SQL Server to Microsoft Fabric
- On Premise Compete Data platforms Fabric
- ADL / Synapse workloads consolidation to Fabric

Sonata Solution / Service Description :

Technology –

Our data foundation service will leverage Microsoft Fabric for it's ability to –

- Build lake centric data foundation
- Cross domain & platform data mesh
- AI induced productivity & intelligence within the platform
- Cost optimum resource provisioning & utilization
- End to end data & analytics capabilities
- Next generation e2e security & data governance capabilities

Service components –

- Consulting – Architecture & Design
- Implementation – End to end implementation. Seamless data migration. incremental delivery of modernization
- Experience – User adoption support & sustenance

Sonata Advantage:

- Accelerator Tools for Fabric adoption
 - 3D Mesh Pipeline and ingestion accelerators (search Metadata, Catalog and lineage)
 - Migration of SQL Server, ADL, Synapse, Cognos to Fabric
 - Data Migration tool to migrate data from AAS, Data warehouse to MS fabric
 - Reporting migration – dataset identification and report mapping
 - Data Privacy Framework and automation
 - Prebuilt AI / ML models across industries
- Expertise
 - Largest Pool of Fabric experts (300+ experts)
 - 3 completed engagements and 5 in pipeline
 - Launch partner, early adoption partner and significant contributor to evolution of the product
 - Industry domain and data model and 3D model

based model design

Benefits

- Adoption of industry common data model by 30%
- Agility of building interconnected data platform faster by 20% - we build platforms using principles aligned to scalable, open, connected and intelligent
- Migration accelerated by up to 50%
 - Data estate migration – 40 to 50%
 - Report Migration – 15 to 25%
- Optimized cost of building, running & sustaining enterprise data estate and analytics with Microsoft Fabric's SaaS pricing,
- AI induced automation experience and Sonata expertise & toolset