Fabricator

TECH mahindra

A Sneak Peek into Our Innovate Workbench for Microsoft Fabric

Unified Workbench for Microsoft Fabric

TECH mahindra

Microsoft Solutions Partner

Data & AI
Azure

Specialist
Migrate Enterprise Applications
to Microsoft Azure
Infra and Database Migration

Industry: All (Horizontal Solution)

TechM
Fabricator
Unified Workbench for Microsoft Fabric

- Delay in analytical solution & Data duplication
- Manual orchestration & Business process silo
- Multiple integration touch point
- Fixed & Individual infrastructures for overall solution.
- Lack of self-serving capability

CHALLENGES

- Delay in analytical solution & Data duplication
- Manual orchestration & Business process silo
- Multiple integration touch point
- Fixed & Individual infrastructures for overall solution.
- Lack of self-serving capability

IDEAL SOLUTION

- TechM Fabricator is a combination of TechM IP's & Microsoft Fabric. It's a framework which helps to orchestrate end-to-end pipeline all the way from data collection to data consumption using simple workflow pipeline.
- TechM Fabricator, designed to simplify the journey from data collection to consumption through an intuitive and simple workflow pipeline.

DESIRED OUTCOMES

- Easy to build & operate analytical services
- Less data movement (Data not copied outside One Lake)
- Process orchestration & automation using metadata
- Self-serving capability across layer
- Flexible infrastructure based on workload
- Flexible infrastructure based on workload
- Single touch point for Integration

Fabricator

Unified Workbench for Microsoft Fabric

- Simplify movement to & usage of Microsoft's all new Fabric platform
- ·Low Code, No Code Configurations
- ·Self-serving analytical platform
- ·Fast & customizable end to end analytics for business & technical users
- ·Best in class service combined by Azure Fabric & TechM IPs
- ·Robust architecture & orchestration ensuring data consistency and reliability throughout the workflow

Fabricator

TechM **Fabricator**, designed to simplify the journey from data collection to consumption through an intuitive and simple workflow pipeline. This innovative solution, based on TechM IP's & Microsoft Fabric, streamlines the entire process, making the transition from raw information to efficient consumption smoother and more accessible than ever before!

1 SOLUTION BENEFIT

- Self-serving capability across layers
- Easy to build and operate analytical services

2 SOLUTION BENEFIT

- Process orchestration & automation using metadata
- Less data movement
- Single touch point for Integration

3 MICROSOFT INTEGRATION BENEFIT

Seamless Integration & migration of customer data from multiple sources into Azure cloud data lake storage and processed into target Synapse database with custom transformation without going through vendor tool or manual step

TechM's Fabricator & Microsoft Fabric

Joint Microsoft & TechM Fabricator framework value prop – Microsoft Fabric help to build one Analytics platform for enterprise. Fabricator helps to accelerate and automate the journey by brining metadata driven solution along with Microsoft Fabric Solution. Microsoft teams help to build Fabricator's unified workbench for data analytical journey.

Centralize Storage

Single source of truth – powered by Fabric One-lake

Easy Adaption and Modernization

100+Pre-build connectors, Metadata driven ingestion, Co-Pilot enable data engineer help to increase the agility of onboarding & modernize exercise

Empowering Business Users

Along with TechM accelerator, metadata driven framework empowering business user to do self-serving business process creation. Self-serving Visualization too.

Customer success: Telecom

End-to-end business process orchestration & automation using Fabricator & Microsoft Fabric for telecom customer experiences analytics on fiber connection.

TechM's Fabricator + Microsoft Fabric

Collecting various fiber connection related inventory, tickets, resolutions data collecting from various system and process into One-Lake for experience analytics

Quick go to Market

Automated the data ingestion using metadata driven Fabric ADF pipeline for onboarding 5 different feeds

In-build Synapse Analytics for Prediction

Using forecasting model within Synapse Analytics, Process data were predicted and presented the futuristic customer experience based on the current information.

Channel partner success: Microsoft and success with Fabricator Framework

End-to-end business process orchestration & automation using Fabricator & Microsoft Fabric for telecom customer experiences analytics on fiber connection. Overall solutions lies in the following area

Analysis

Forecasting

Preventive Recommendation

Quick go to Market
Onboarding datasets from various sources system. Fabric shorter the journey more than 80%.

Data Sharing
Fabric data sharing capability bring excellent option to share the information without duplicating the data with high data domain security

Self-Serving BI
Power BI pipeline enable business user to build the analytical pipeline without using ADF technology. Also giving template driven visualization enable instance analytics for the business case

Reach us for more insight on TechM Fabricator from Tech Mahindra

Get a free trial: DataAnalyticsUpdates@TechMahindra.com

Ask a question via email:
DataAnalyticsUpdates@TechMahindra.com

Learn more: Data and Analytics (techmahindra.com)

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