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Fabric Momentum





« This is a product that we've been working very very hard on over multiple years, and it's finally coming together. It's perhaps the biggest launch of a data product from Microsoft since the launch of SQL Server. »

**- Satya Nadella
CEO of Microsoft
MS build 2023**



Microsoft Fabric

Preview momentum

25K

Active
organizations

67%

Fortune 500
companies

84%

3 or more
Workloads

Weekly Fabric Releases

Rapid pace of innovation

[Blog](#) [Community](#) [Support](#)

Microsoft Fabric Blog

Aug 2023

Blog > June 2023 > Microsoft Fabric August 2023 update

Microsoft Fabric August 2023 update

[Announcements](#) [Apache Spark](#) [Core](#) [Data Activator](#) [Data Factory](#) [Data Science](#) [Data Warehouse](#) [Monthly Update](#) [Real-time Analytics](#) [Synapse](#)

 September 5, 2023 by [Ryan Majidimehr](#) [in](#) [Share](#) [Tweet](#) [Like](#)

Welcome to the August 2023 update. We have lots of features this month including the new layout switcher for Power BI, SSD caching in Synapse Data Warehouse, in-line Python support for KQL in Synapse Real-time Analytics, lookup activity for Data Factory Dataflows, and much more. Continue reading for more details on our new features!



Fabric Monthly Update - August 2023

Watch later Share

FABRIC MONTHLY UPDATE

August 2023

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Microsoft Fabric Blog

Sept 2023

Blog > All > Microsoft Fabric September 2023 update

Microsoft Fabric September 2023 update

[Announcements](#) [Apache Spark](#) [Community](#) [Core](#) [Data Factory](#) [Data Science](#) [Data Warehouse](#) [Monthly Update](#) [OneLake](#) [Real-time Analytics](#) [Synapse](#)

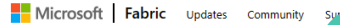
 September 29, 2023 by [Ryan Majidimehr](#) [in](#) [Share](#) [Tweet](#) [Like](#)

Welcome to the September 2023 update.

We have lots of features this month including updates to the monitoring hub, Fabric Metrics app, VS code integration for Data Engineering, Real-time data sharing and many more. Continue reading for more details on our new features!

Contents

- [Core](#)
 - [Monitoring hub – column options](#)
- [OneLake](#)
 - [OneLake file explorer \(v.1.0.10\) – Menu Option to View Workspaces and Items Online](#)
- [Power BI](#)
 - [General](#)
 - [Upgrade Power BI Desktop .NET Framework to 4.7.2 or newer](#)
- [Reporting](#)

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Microsoft Fabric Updates Blog

Oct 2023

Updates > All > Microsoft Fabric October 2023 update

Microsoft Fabric October 2023 update

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 October 27, 2023 by [Ryan Majidimehr](#) [in](#) [Share](#) [Tweet](#) [Like](#)

Microsoft Fabric October 2023 update

We have a lot of features this month including updates to the Item type icons, Keyword-Based Filtering of Tenant Settings, On-object Interaction updates, Eventstream Kafka Endpoints and many more. Continue reading for more details on our new and updated features!

[Core](#)

- [Item type icons](#)

[Admin](#)

- [Keyword-Based Filtering of Tenant Settings](#)

[Power BI](#)

- [Reporting](#)
 - [Power BI Desktop OneDrive and SharePoint integration](#)

Explore the Fabric Roadmap

Rapid pace of innovation

Jul 2023

Aug 2023

Sep 2023

aka.ms/FabricRoadmap

Customer Momentum





// In developing and launching EY Intelligence, Microsoft Fabric has been a game changer. Our unique analytics-as-a-service offering gives the C-suite at our client organizations cross-functional transparency and on-demand insights to make better and quicker decisions.

Swen Gehring
Director, Strategy and Transactions, EY



// Microsoft Fabric would have been our choice from the beginning—had it only existed then. Building a democratized data platform was too big of a distraction from our focus on supporting actuaries in managing risk.

Tom Peplow
Principal and Senior Director of Technology Strategy for Life Technology Solutions, Milliman

Partner Momentum

 **accenture**

 **avanade**

Capgemini 

 **EY**
Building a better
working world

IBM

SONATA

SONATA SOFTWARE

tcs **TATA**
CONSULTANCY
SERVICES


Cloud Services

 **SDK**

 **MANDELBULB TECH**

 **bakertilly**

3Cloud

READYMIND
NEXT GENERATION SERVICES

 **iLink Digital**

macaw

prelude**sys**
IMPLICIT KNOWLEDGE

kanerika 

 **Simpson Associates**
The Data Analytics Company

 **INSPARK**



// The AI era has arrived, and our clients need a strong data foundation to ensure they can successfully achieve their AI aspirations securely and responsibly. At Accenture and Avanade, we are ready to securely unify data, analytics and AI for our clients with Microsoft Fabric. We've launched the Microsoft Fabric University that already has trained 3,000 data professionals to be fluent in Fabric, and we're taking lessons learned from building our own operations on Fabric to accelerate AI opportunities with our clients across the globe.

Simon Thomas
Data & AI Global Lead, Avanade



// Through our strategic partnership and the transformative capabilities of Microsoft Fabric, we are accelerating data value creation for our customers. Capgemini's investment in scaling Fabric competency, paving the way for excellence through our Fabric-specific assessment and certification via Capgemini's OCEANS Tool, provides enterprises with the opportunity to unleash unified data and drive their organizations forward

Niraj Parihar
Insights & Data CEO

ISV Momentum

AVEVA

 dbt Labs

 Delphix

Epic

 esri

 Fivetran

 Informatica

 LSEG

 mongoDB

 Profisee

Qlik 

 sas

 striim

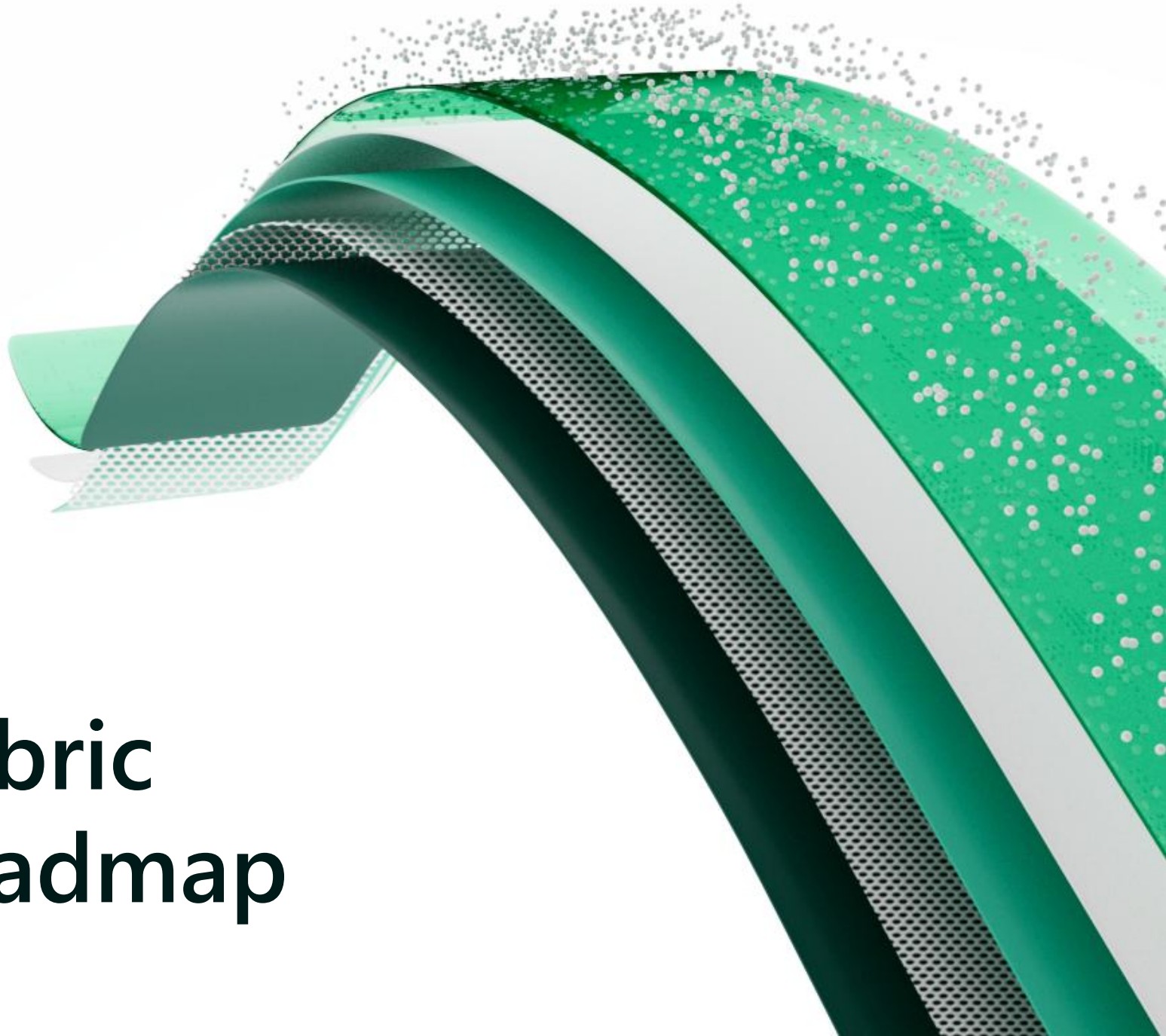
teradata.

 yugabyteDB

aka.ms/Ignite23BRK222H

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Fabric roadmap





Admin & governance roadmap



Data
Factory



Synapse Data
Engineering



Synapse Data
Science



Synapse Data
Warehousing



Synapse Real
Time Analytics



Power BI



Data
Activator



AI



OneLake



Purview

User REST
APIs

Git &
pipelines

Unified
governance

Private link

UP TO
Q2 2024

FABRIC ROADMAP – ADMIN & GOVERNANCE

GET THE LATEST UPDATES AT [AKA.MS/FABRICROADMAP](https://aka.ms/FabricRoadmap)

SECURITY

PRIVATE LINK SUPPORT

DATA SOURCE USING WORKSPACE IDENTITY

FABRIC AS A TRUSTED SERVICE FOR AZURE STORAGE

RESERVED INSTANCE OFFERINGS

DEPLOYMENT PIPELINES
– DATAWAREHOUSE

MANAGEMENT

DISASTER RECOVERY

WORKSPACE RECOVERY

MONITORING

- USAGE & ADOPTION
- WAREHOUSE
- EVENT STREAMS

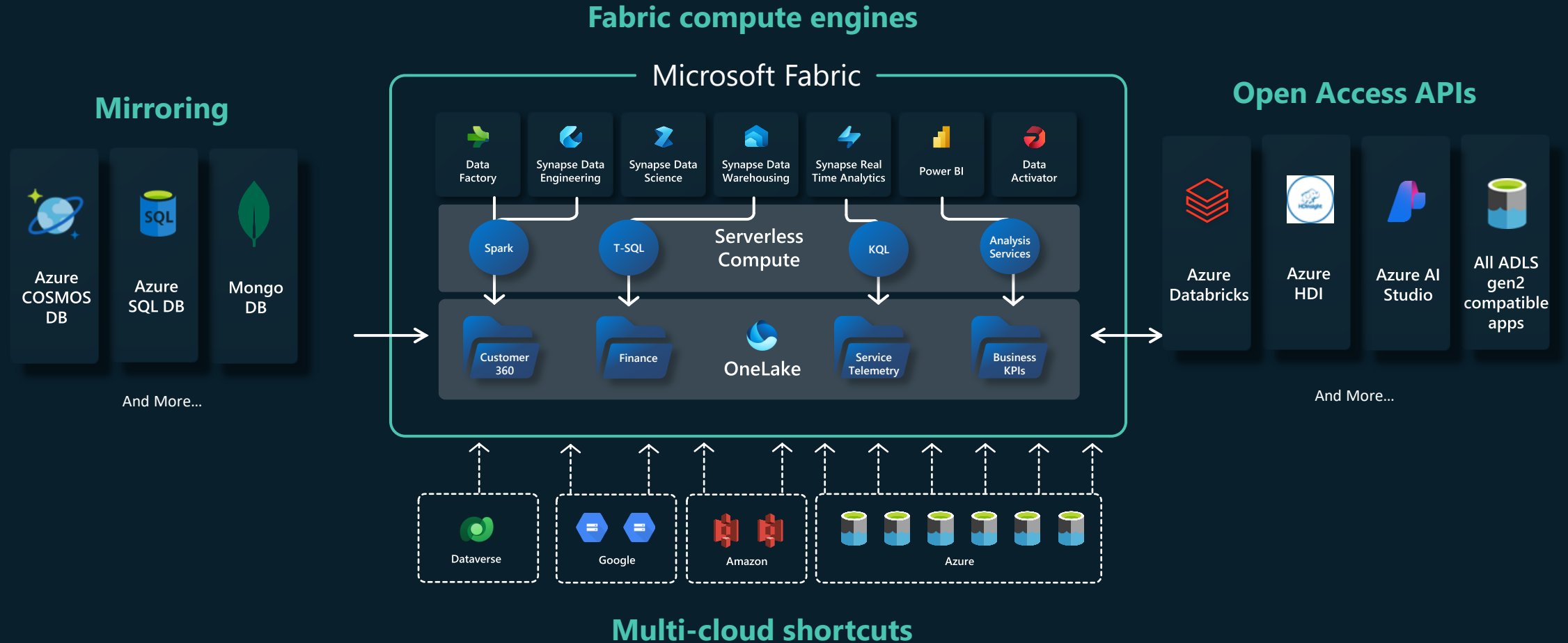
APIs

- ADMIN API
- USER API
- GIT INTEGRATION
- DATA WAREHOUSE
- FABRIC SDK

PURVIEW (+5 UPDATES)

- SENSITIVITY LABELS
- DEFAULT SENSITIVITY LABELS
- REQUIRE USERS TO APPLY LABELS
- RESTRICT ACCESS BY SENSITIVITY LABELS
- DATA LOSS PREVENTION
- HUB FOR ADMINS & DATA OWNERS

OneLake as a central source of data

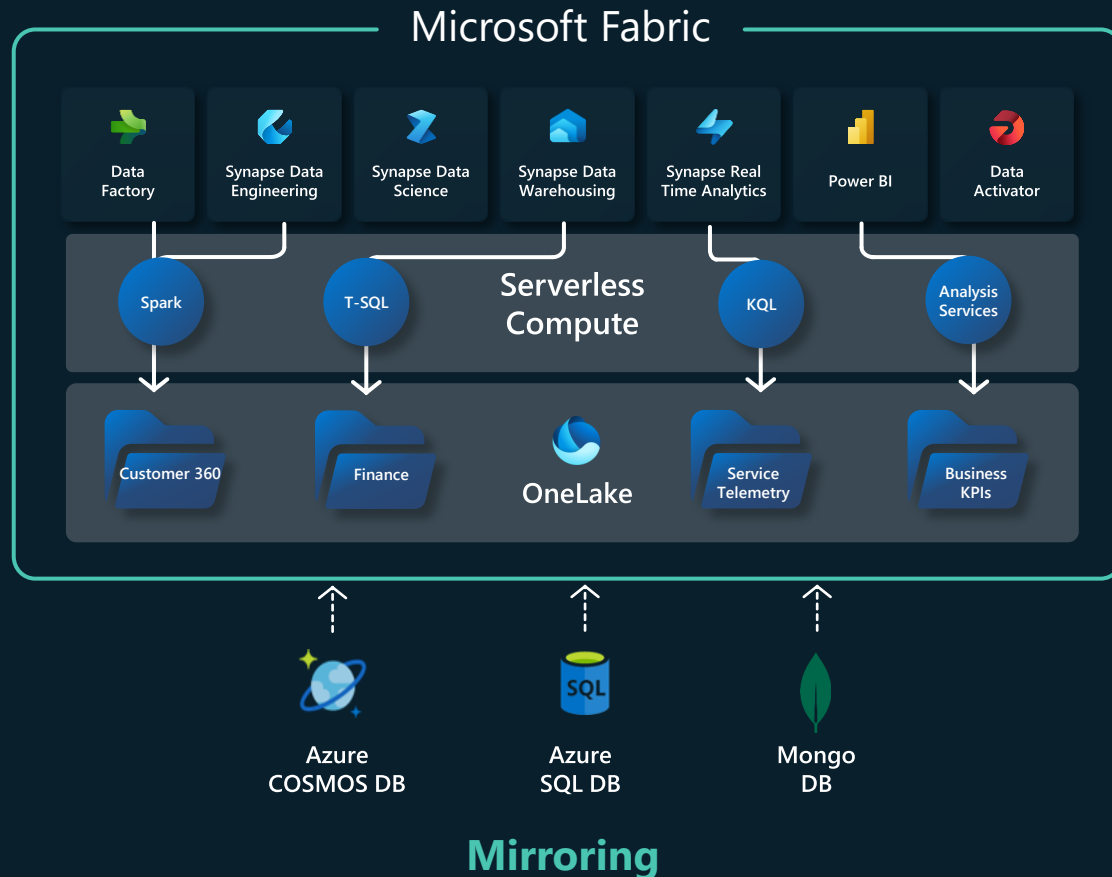


Mirroring in Microsoft Fabric

Simplify near real-time analytics

Coming soon

Fabric compute engines



Fabric Mirroring enables adding existing databases and data warehouses to Fabric without any ETL.

A full editing experience of the source database is available for the Mirrored database.

Data is replicated into OneLake in Delta format and kept up-to-date in near-real-time.

All the Fabric experiences instantly work with the OneLake replica.

Analysts and Data Scientists can work with real-time data.

The replica protects operational databases from analytical queries.

Roadmap

CY23



Azure Cosmos DB



Azure SQL DB

CY24 and beyond



ORACLE



And More...

UP TO
Q2 2024

FABRIC ROADMAP – ONELake & SYNAPSE PART 1

GET THE LATEST UPDATES AT [AKA.MS/FABRICROADMAP](https://aka.ms/FabricRoadmap)

OTHER CLOUDS

SMART CACHING FOR AMAZON S3

SHORTCUTS TO GOOGLE CLOUDS

MANAGEMENT

SHORTCUTS API

DATA MESH ENHANCEMENTS

SECURITY MODEL FOR TABLES & FILES

PRODUCTIVITY

FOLDERS IN WORKSPACES

PERSISTENT FILTERS IN WORKSPACES

DATA SCIENCE

SEMANTIC LINK

DATA WRANGLER – SPARK DF SUPPORT

MONITORING HUB INTEGRATION

AUTOML HYPERPARAMETER TUNING (FLAML)

DATA SCIENCE IN FABRIC SDK

AZURE COGNITIVE SERVICES INTEGRATION

CI/CD SUPPORT

UP TO
Q2 2024

FABRIC ROADMAP – SYNAPSE PART 2

GET THE LATEST UPDATES AT [AKA.MS/FABRICROADMAP](https://aka.ms/FabricRoadmap)

DATA WAREHOUSE

ZERO-COPY TABLE CLONES

SAVE SQL QUERIES AS VIEWS,
RESULTS AS TABLES,
& SHARE QUERIES AS VIEWERS

WAREHOUSE MONITORING

ROW-LEVEL SECURITY

LAKEHOUSE DATA SECURITY
(FILES, FOLDERS, TABLES)

DATA ENGINEERING

FABRIC RUNTIME 1.2

SPARK 3.4, DELTA 2.4, PYTHON 3.10, JAVA 11

SPARK AUTOTUNE

GIT INTEGRATION

DEPLOYMENT PIPELINES

HIGH CONCURRENCY IN PIPELINES

POLICY MANAGEMENT

COPILOT INTEGRATION

NOTEBOOKS IN APPS

UP TO
Q2 2024

FABRIC ROADMAP – SYNAPSE PART 3

GET THE LATEST UPDATES AT [AKA.MS/FABRICROADMAP](https://aka.ms/FabricRoadmap)

REAL-TIME ANALYTICS

EVENT STREAMS

EVENTSTREAM DATA PREPROCESSING

EVENTSTREAM TO DATA ACTIVATOR

LIFECYCLE

PAUSE/STOP/RESTART EVENTSTREAM

AUTOSCALE EVENTSTREAMS

DEVELOPMENT & INTEGRATION

SQL NATIVE SUPPORT IN KQL QUERYSETS

REAL-TIME DASHBOARD

NOTEBOOK INTEGRATION

KQL COPILOT

DELTA SUPPORT FOR KQL DATABASE IN ONELAKE

MONITORING CI/CD SUPPORT

- ADMINISTRATIVE MONITORING
- EVENTSTREAM ACTIVITIES

AND MANY MORE UPDATES!



aka.ms/fabricroadmap