

# CSU Migration Factory for Analytics

Data & AI CSU

01

CSU Migration Factory  
Explained

02

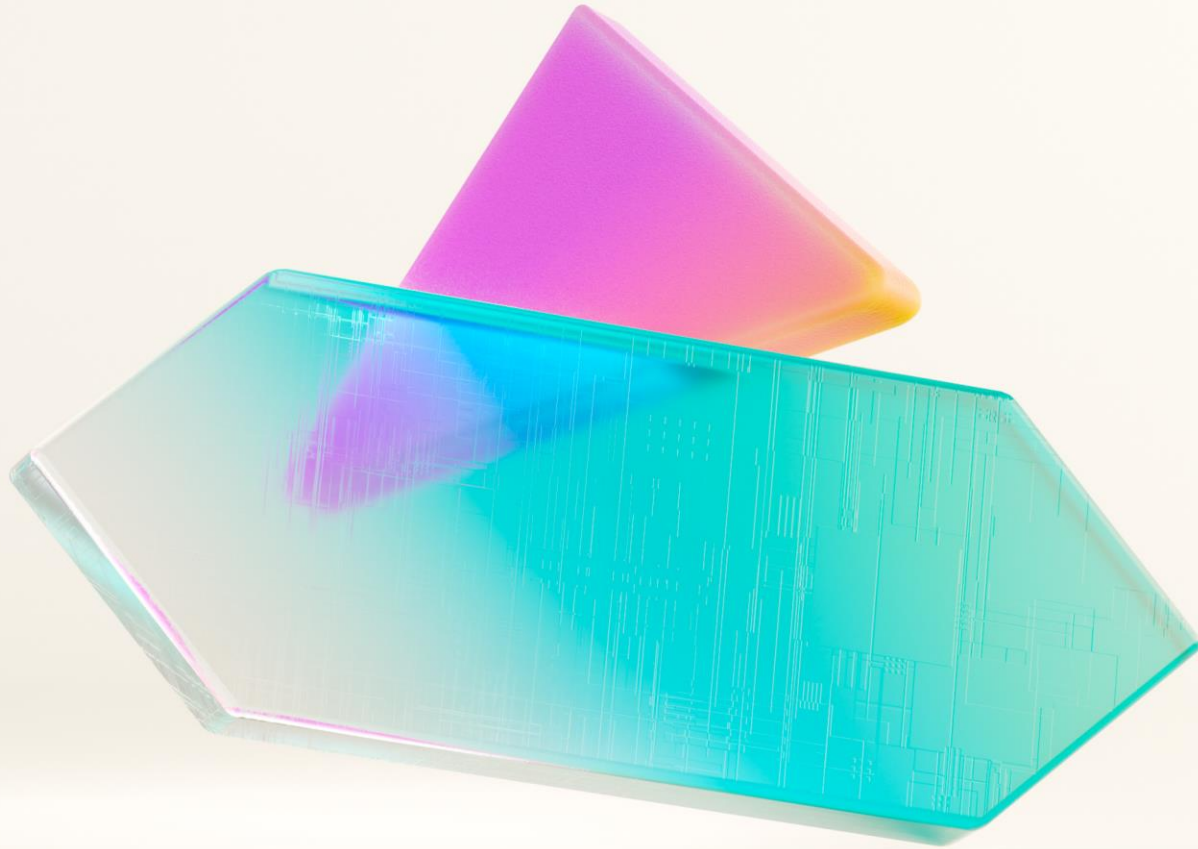
Lakehouse Migration  
Offerings

03

Power BI Migrations

04

Real-Time Intelligence



# CSU Migration Factory Explained

# What is the CSU Migration Factory?

A Microsoft CSU delivery model to provide rehost\* migration of Apps, Infra, and Data workloads at Zero cost to customers.

Modernize your applications and data to accelerate time to market and deliver new experiences.

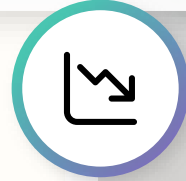
Achieve greater agility and scale with built-in security and high availability.

[\\* 7 Options To Modernize Legacy Systems \(gartner.com\)](#)

[Migrate or modernize first? - Cloud Adoption Framework | Microsoft Learn](#)

# Get your first workloads running in Azure in **weeks**

Expert Guidance and Delivery



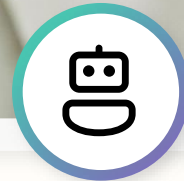
Zero Cost to Customer



Accelerated Migrations










No Minimum Requirements



# CMF | Workloads & Execution Focus

Jumpstart Azure journey for Apps, Infra, and Data workloads through Microsoft-owned delivery at Zero Cost

 <b>WS + SQL + Linux</b> (including Arc enabled)	 <b>Native AVD</b>	 <b>NoSQL &amp; OSS Databases</b>	 <b>App Migration</b>	 <b>Analytics</b>	 <b>AI</b>	 <b>Security</b>
<ul style="list-style-type: none"> <li>Rehost/Refactor migration From On-prem, AWS, GCP, Hosters; To: Azure SQL, Azure VMs</li> <li>Upgrade Win OS if applicable</li> <li>Automated scripts for Arc Enabled deployment</li> <li>Azure VMware Solution: Factory to migrate servers, apps, and DBs into AVS</li> </ul>	<ul style="list-style-type: none"> <li>Modernize on-prem RDS to AVD</li> <li>Migrate on-prem Citrix to AVD (currently in incubation)</li> </ul>	<p>NoSQL:</p> <ul style="list-style-type: none"> <li>On-prem Cassandra to Azure MI for Apache Cassandra</li> <li>On-prem MongoDB to Azure Cosmos DB for MongoDB (vCore)</li> </ul> <p>OSS Databases:</p> <ul style="list-style-type: none"> <li>MySQL/PostgreSQL to Azure DB for MySQL/PostgreSQL</li> <li>Single Server to FlexServer</li> </ul>	<ul style="list-style-type: none"> <li>.NET, Java Apps On-Prem to PaaS</li> <li>Non .NET workloads (Containerized) workloads On-Prem to AKS/ACA</li> <li>Apps/Self Hosted K8's running on Azure VM's to PaaS</li> <li>WordPress migration to App Service</li> </ul>	<ul style="list-style-type: none"> <li>Lakehouse deployment (Data migration, Build MVP for initial use case)</li> <li>SQL Server Reporting Services to Power BI</li> <li>SSAS/Analysis Services to Power BI</li> <li>P SKU to F SKU migration</li> <li>Real-Time Intelligence</li> </ul>	<ul style="list-style-type: none"> <li>Deployment of AOAI use cases: Conversational AI/Search, Virtual Assistant, Doc Intelligence, Personalized content, Image Analysis</li> <li>POC, Landing Zone for AOAI, Prod deployment, Solution Optimization</li> </ul>	<ul style="list-style-type: none"> <li>Defender for Cloud deployment – cloud security posture management</li> <li>Deployment of Cloud workload protection: Defender for Servers, Azure SQL, Storage;</li> <li>Configuration of monitoring components for automated data collection</li> </ul>

## Current localized coverage:

All Time Zones:	English
ASIA:	Chinese, Japanese
EMEA:	Germany, French
LATAM:	Spanish, Portuguese

## Nomination Acceptance Criteria:

- Customer Sponsorship secured
- Scope is confirmed and aligned with CMF scope
- Active MSX Opportunity – Workload aligned Milestones (for Managed accounts)
- All customers, any size Migration (**no minimum** size)
- Execution Method (Hands-on-KeyBoard or Screen-Share guidance)
- Nomination form: <https://aka.ms/CMF>

## More information:

<https://aka.ms/csumigrationfactory>



# CSU Migration Factory for Analytics Offerings

**CSU Migration Factory Lakehouse + DW - Fabric**

**Purpose**  
Design, build, and deploy repeatable, low-to-no code changes and required data engineering pipelines into a Lakehouse. Silver and/or Gold layer can be built in Fabric, DW.

**Microsoft Resources**  
• Microsoft Architects, PM  
• Microsoft Field Account  
• Repeatable assets for report

**Customer Resources**  
• Customer Executive Sponsor  
• Customer Data Architect  
• Engineers (Skills: Fabric, SQL, ADLS)

**Nominate Today**  
Submit here: <https://aka.ms/CSU>

**Accelerated Results**  
A dedicated data engineering and PM task force will help you hit the ground running, creating a production-ready Lakehouse architecture using a best-in-breed approach across entire Analytics service catalog.

**Analyst Requirements**  
• Analyze requirements and help you determine optimal alignment with Lakehouse architecture  
• Collaboratively identify suitable high-value use cases for analytics implementation  
• Validate your data sources and define ingestion, cleansing and query requirements

**Actionable Insights**  
Architecting a Lakehouse can be costly—especially if this is a new concept. With Lakehouse Migration Factory, you gain an internal partner in your success, working with you to drive results at no cost to the customer.

**Capacity At scale**  
Lakehouse experts from Microsoft provide industry-leading expertise to ensure fast results—and they work within your own environment to deploy a Lakehouse Migration Factory that is based on your requirements.

**Lakehouse + DW - Fabric**

## Lakehouse - Databricks

## SSRS to PBI Premium/Fabric Capacity

## SSAS/AAS to PBI Premium/Fabric Capacity

## P SKU to F SKU

## Fabric Real-Time Intelligence

# Accelerating Adoption through CSU Migration Factory for Analytics

## Lakehouse

### Fabric



- **Offerings:**
  - Fabric Lakehouse
  - Fabric Lakehouse + DW
- **Scope:**
  - Lakehouse medallion architecture with bronze, silver, and gold layer.
  - Transformations with Spark notebooks.
  - Orchestration of notebooks with Azure Data Factory or Fabric Data Factory.
  - Silver and/or Gold layer can be built in Fabric DW
  - One basic Power BI report to demonstrate how to connect Power BI reports to Gold layer
- **How:** Leverage repeatable IP to accelerate establishing Lakehouse environment, migrate data and rewrite scripts leveraging repeatable components

### Databricks



- **Offerings:**
  - Lakehouse
  - Unity Catalog(metastore)
- **Scope:**
  - Lakehouse medallion architecture with bronze, silver, and gold layer.
  - Transformations with Spark notebooks.
  - Orchestration of notebooks with Azure Data Factory or Delta Live Tables.
- **How:** Leverage repeatable IP to accelerate establishing Lakehouse environment, migrate data and rewrite scripts leveraging repeatable components





# Accelerating Adoption through CSU Migration Factory for Analytics

## Additional Fabric Offerings

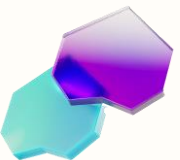
### Power BI

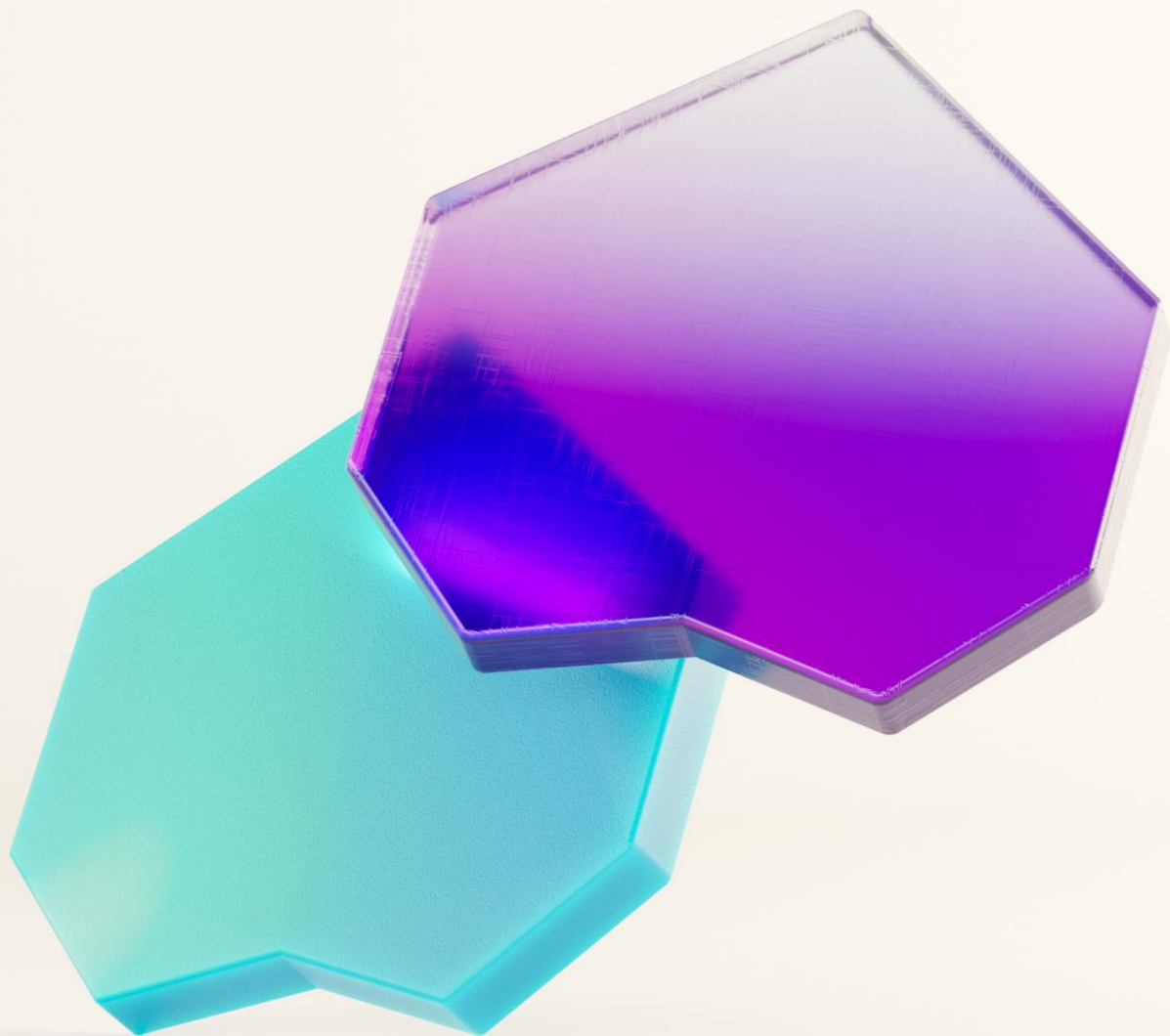
- **Offerings:**
  - SSRS to PBI Premium/Fabric Capacity
  - SSAS/AAS to PBI Premium/Fabric Capacity
  - P SKU to F SKU
- **Scope:** SQL Server Reporting Services(SSRS) & Analysis Services (SSAS/AAS) can be migrated easily to Power BI. Migration of P SKU to F SKU workspaces (within same tenant) in the same region or another region with considerations.
- **How:** Leverage 1<sup>st</sup> party tooling to migrate customers out of legacy solutions like SSRS & SSAS/AAS into Power BI & Fabric



### Real-Time Intelligence

- **Offerings:**
  - ADX
  - Fabric
- **Scope:** Migrate data to Fabric using scripts, pipelines, streaming features or agents. Big Data workloads such as Telemetry, IoT, Cyber/App Logs, Timeseries, Metrics, Geospatial, Graph, Embedding Vectors, High-granular, Discrete analytics.
- **How:** Analyze requirements and help you determine the optimal alignment. Assess business needs, current platform and existing architecture.





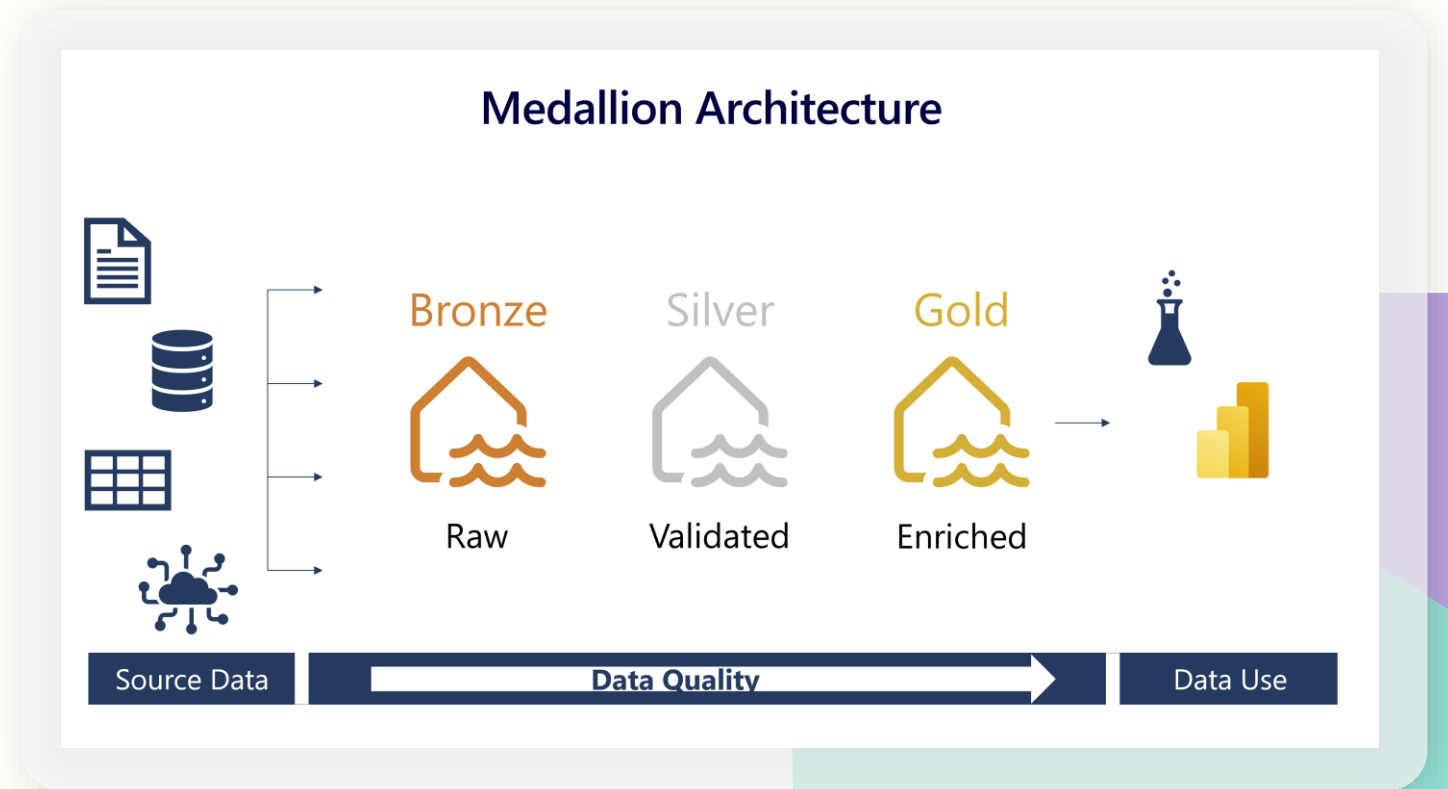
# Lakehouse Migrations

# Lakehouse Medallion Architecture

The **Medallion Architecture** describes a series of data layers that denotes the quality of data stored in the Lakehouse. This architecture guarantees atomicity, consistency, isolation and durability as data passes through multiple layers of validation and transformations being stored in a layout optimized for efficient analytics.

## Key Capabilities:

- Ingest raw data to the Bronze layer
- Validate and deduplicate data in the Silver layer
- Power analytics with the Gold layer



*Lakehouses are a single location for data engineers, data scientists, and data analysts to access and use data.*

# Lakehouse – In Scope

## Data Sources

Azure SQL DB and SQL MI  
PostgreSQL  
MySQL  
Oracle  
SQL Server (on-premises)  
Flat Files  
Hadoop  
AWS Redshift  
Dedicated SQL Pool <sup>FO\*</sup>  
Google Big Query <sup>FO</sup>  
Fabric Shortcuts <sup>FO</sup>

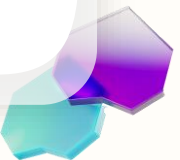
## Orchestration and Transformation

Azure Data Factory  
Fabric Pipelines <sup>FO</sup>  
Notebooks  
PySpark  
SparkSQL  
Stored Procedures  
Delta Live Tables <sup>DO</sup>  
Unity Catalog <sup>DO</sup>

<sup>FO</sup> Fabric only

<sup>DO</sup> Databricks only

\* Lift and Shift is not currently supported for Dedicated SQL Pool. See details in Appendix



# Lakehouse + DW Scope

## In Scope



Migration to Lakehouse medallion architecture with bronze, silver and gold layer.



Silver and/or Gold layer can be built in Fabric DW.



Orchestration of notebooks with Azure Data Factory, Fabric Data factory or Delta Live Tables.



One Basic Power BI Report to demonstrate how to connect PBI to Gold layer tables



Unity Catalog for metastore in Databricks

## Out of Scope



Lift & Shift Synapse Dedicated Pools to Fabric DW



Migration of Azure Data Factory to Fabric Pipelines



Migration of SSIS Packages



# CSU Migration Factory

## Lakehouse + DW – Fabric



### Purpose

Design, build, and deploy repeatable, low-to-no code changes and required data engineering pipelines into a Lakehouse. Silver and/or Gold layer can be built in Fabric DW



### Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Field Account Team
- Repeatable assets for rapid deployment



### Customer Resources

- Customer Executive Sponsor
- Customer Data Architects & Engineers (Skills: Fabric, Spark, SQL, ADLS)



### Nominate Today

Submit here: <https://aka.ms/CMF>



### Accelerated Results

A dedicated data engineering and PM task force will help you hit the ground running, creating a production ready Lakehouse architecture using a best in breed approach across entire Analytics service catalog.



### Actionable Insights

Architecting a Lakehouse can be costly—especially if this is a new concept. With Lakehouse Migration factory, you gain an invested partner in your success, working with you to drive results at no cost to the customer.



### Capacity At-scale

Lakehouse experts from Microsoft provide industry-leading expertise to ensure fast results—and they work within your own environment to deploy a Lakehouse Migration Factory that is based on your requirements.



### Analyze Requirements

- Analyze requirements and help you determine optimal alignment with Lakehouse architecture
- Collaboratively identify suitable high-value use-cases for analytics implementation
- Analyze your data sources and define ingestion, cleansing and query requirements



### Deploy Lakehouse/DW Platform

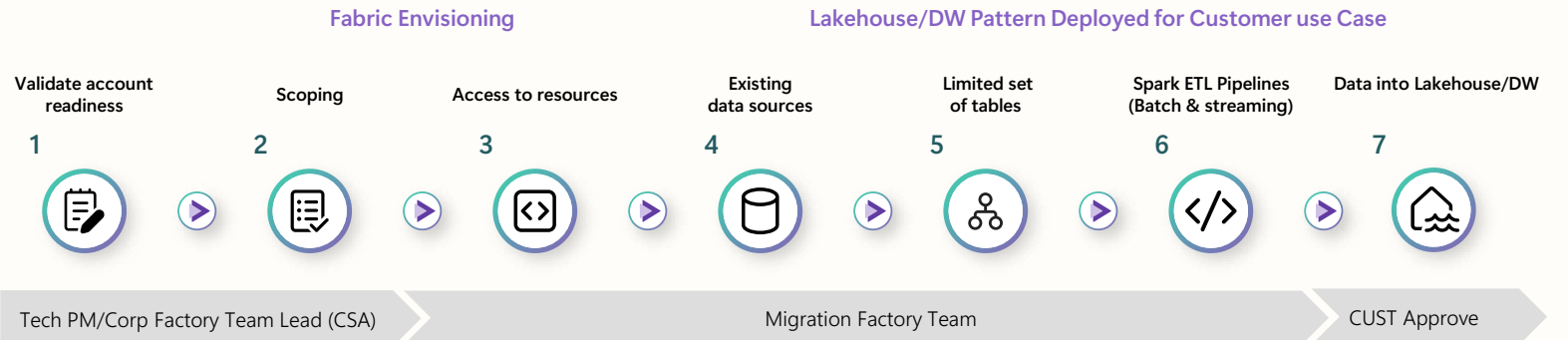
- Connect Microsoft Fabric to on-prem and cloud-based data sources
- Use Notebooks and Pipelines to create, load, and transform Delta tables in a Fabric Lakehouse
- Build preliminary Power BI report to demonstrate how visualizations and analytics can be built on top of the Lakehouse data
- Optionally build Silver and/or Gold layer in Fabric DW



### Build Analytics Use Case

- Our expert team will develop, test, deploy customer use case based on approved requirements
- Predefined application templates and accelerators aid in bootstrapping the development process.

### Migration Factory: Outline of Typical 6-8 Week Project





# CSU Migration Factory

## Lakehouse – Databricks



### Purpose

Design, build, and deploy repeatable, low-to-no code changes and required data engineering pipelines into a Lakehouse.



### Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Field Account Team
- Repeatable assets for rapid deployment



### Customer Resources

- Customer Executive Sponsor
- Customer Data Architects & Engineers (Skills: Azure Databricks, Spark, SQL, ADLS)



### Nominate Today

Submit here: <https://aka.ms/CMF>



### Accelerated Results

A dedicated data engineering and PM task force will help you hit the ground running, creating a production ready Lakehouse architecture using a best in breed approach across entire Analytics service catalog.



### Actionable Insights

Architecting a Lakehouse can be costly—especially if this is a new concept. With Lakehouse Migration factory, you gain an invested partner in your success, working with you to drive results at no cost to the customer.



### Capacity At-scale

Lakehouse experts from Microsoft provide industry-leading expertise to ensure fast results—and they work within your own environment to deploy a Lakehouse Migration Factory that is based on your requirements.



### Analyze Requirements

- Analyze requirements and help you determine optimal alignment with Lakehouse architecture
- Collaboratively identify suitable high-value use-cases for analytics implementation
- Analyze your data sources and define ingestion, cleansing and query requirements



### Deploy Lakehouse Platform

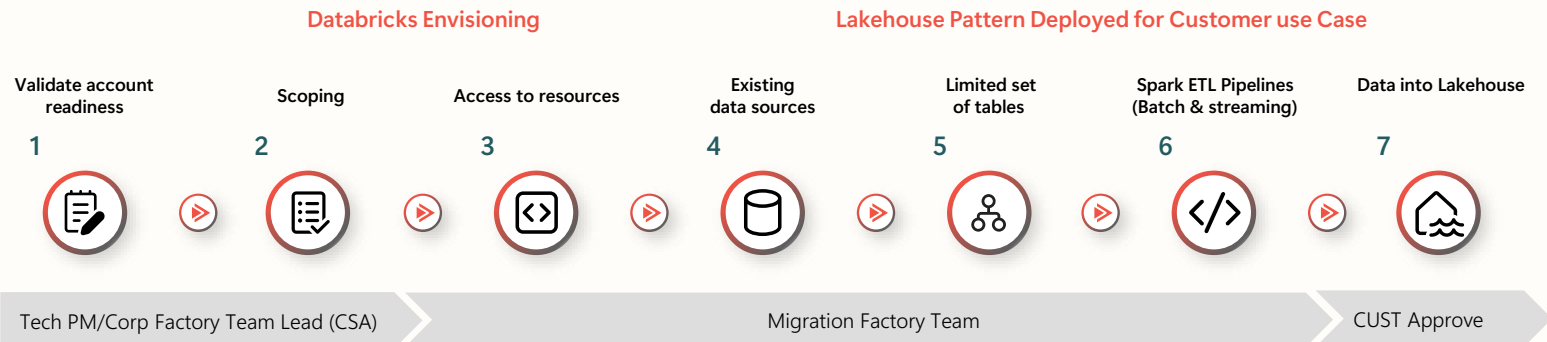
- Leverage repeatable IP to accelerate establishing the Databricks workspace, Unity Catalog(metastore), Delta Live Tables, Data Lake and other components required to setup the Lakehouse platform
- Use of parameterized deployment to speed up platform provisioning according to your requirements



### Build Analytics Use Case

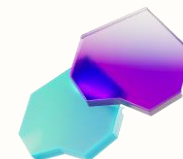
- Our expert team will develop, test, deploy customer use case based on approved requirements
- Predefined application templates and accelerators aid in bootstrapping the development process.

### Migration Factory: Outline of Typical 6-8 Week Project

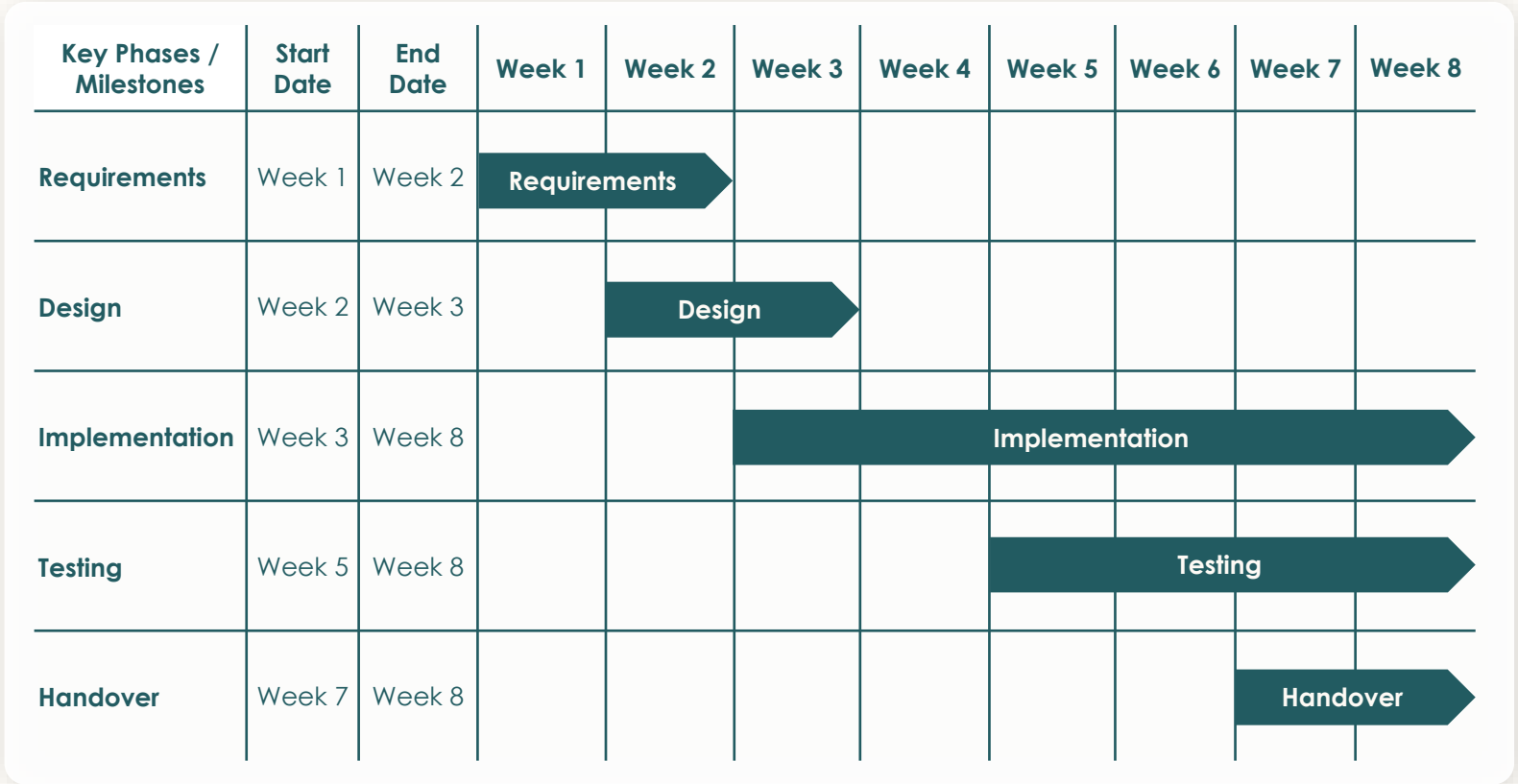


# SQL to Fabric Migration Scenarios

	Migration Scenario	Data Orchestration	Code Source	Medallion Target Architecture	Code Target
1	On-premises SQL Server	Azure Data Factory or Fabric Data Factory	Stored Procedures	Bronze = Lakehouse Silver = Lakehouse or Warehouse Gold = Lakehouse or Warehouse	Notebooks or Stored Procedure(if in Warehouse)
2	Azure SQL DB Data Warehouse Azure SQL MI Data Warehouse	Azure Data Factory or Fabric Data Factory	Stored Procedures	Bronze = Lakehouse Silver = Lakehouse or Warehouse Gold = Lakehouse or Warehouse	Notebooks or Stored Procedure(if in Warehouse)
3	Synapse Dedicated Pool (lift & shift is not in scope)	Azure Data Factory or Fabric Data Factory	Stored Procedures	Bronze = Lakehouse Silver = Lakehouse or Warehouse Gold = Lakehouse or Warehouse	Notebooks or Stored Procedure(if in Warehouse)



# Lakehouse Project Timeline



1

Requirements: Local CSA, Corp Factory Team Lead and Customer will meet to discuss requirements of the program

2

Design: Local CSA, Corp Factory Team Lead and Customer will work together to design a high value use case

3

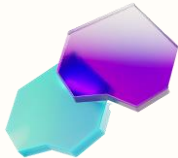
Implementation: Development team will be doing the work

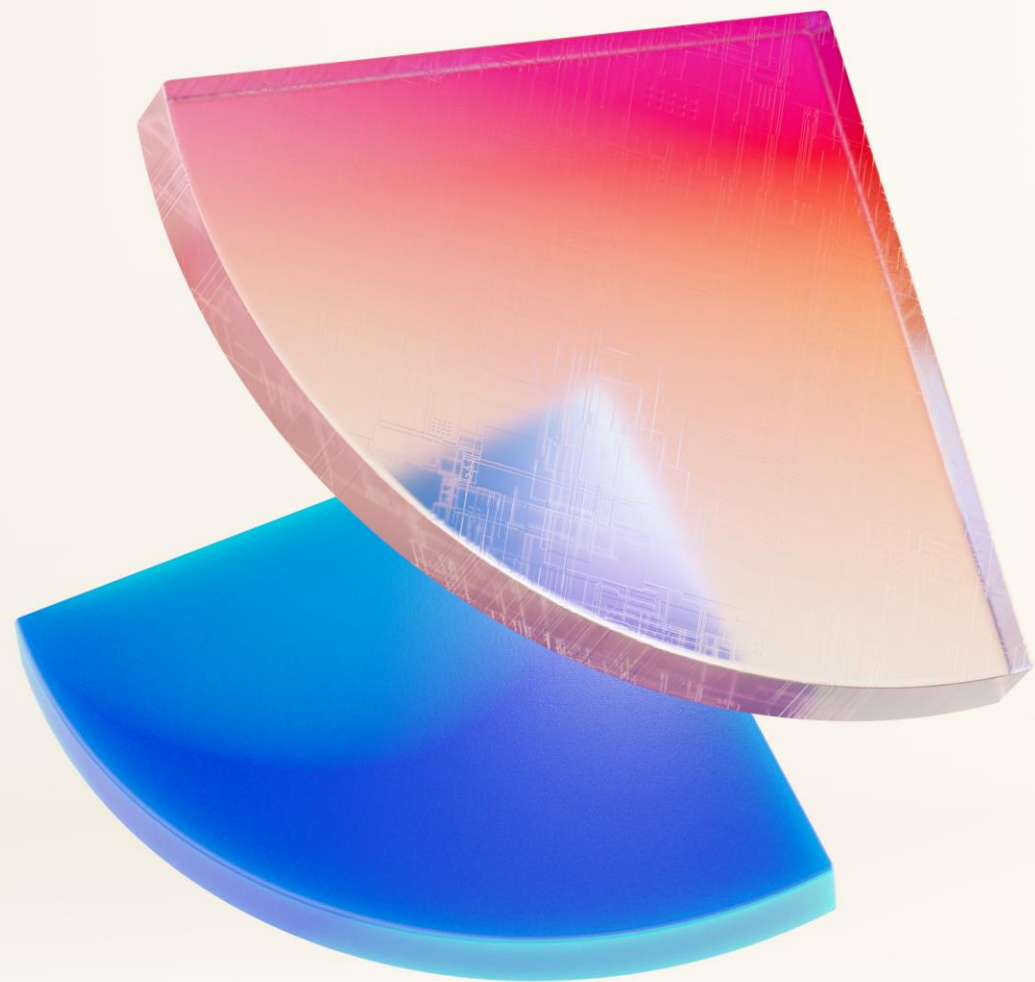
4

Testing: Development team and Customer should be doing iterative testing

5

Handover: Development team will do knowledge transfer sessions





## Power BI Migrations

# Power BI Scope

## In Scope

- Migrate .rdl reports and SSRS PBI interactive reports from SSRS servers to PBI Premium
- Publish reports that pass checks as PBI Paginated Reports
- Migrate SSAS/AAS models to Power BI Semantic Models
- Migrate P SKU (PBI Premium) to F SKU (Fabric)

## Out of Scope

- Automation and Business Operations, such as .Net Code, SSIS Packages and Azure Data Factory
- Governance and Security such as PBI capacity governance, workspace config and role membership
- Setup and training on Optimization methodology, tenant management, release management, monitoring, alerting, post deployment oversight



# CSU Migration Factory

## Power BI – SSRS to P SKU/F SKU



### Purpose

Design, build, and deploy repeatable, low-to-no code change report, semantic layer, data models from on-premise SQL Server Reporting Services to Power BI Paginated Reports.



### Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Field Account Team
- Repeatable assets for rapid deployment



### Customer Resources

- Customer Executive Sponsor
- Customer Data Model Architects & Report Writers (Skills: SQL, SSRS, ADLS, PBI)



### Nominate Today

Submit here: <https://aka.ms/CMF>



### Accelerated Results

A dedicated report author / data model architect will partner with a technical PM to assist with creating a production ready report architecture using a best in breed Azure data services & PBI version to meet requirements.



### Actionable Insights

Migrating reports from on-premise can be costly—especially if this is a new concept. With PBI Migration factory, you gain an invested partner in your success, working with you to drive results at no cost to the customer.



### Engineering At-scale

Data model and report migration tools from Microsoft provide industry-leading expertise to ensure fast and consistent results - working within your environment to deploy a PBI Migration scenario that aligns to your goals.



### Analyze Requirements

- Validate license type (Fabric Capacity, PBI Premium per Capacity, PBI Premium per User or PBI Embedded required)
- Workspace Administrator permissions required in PBI to perform migrations; can only view completed migrations otherwise.



### Deploy SSRS Migration Strategy

- Once SQL Migration Factory has completed Core migration to Azure, seamlessly hand-off to PBI Migration Factory team to complete Reporting Services migration into Power BI.
- SSRS paginated reports can be migrated ad hoc into Power BI as well



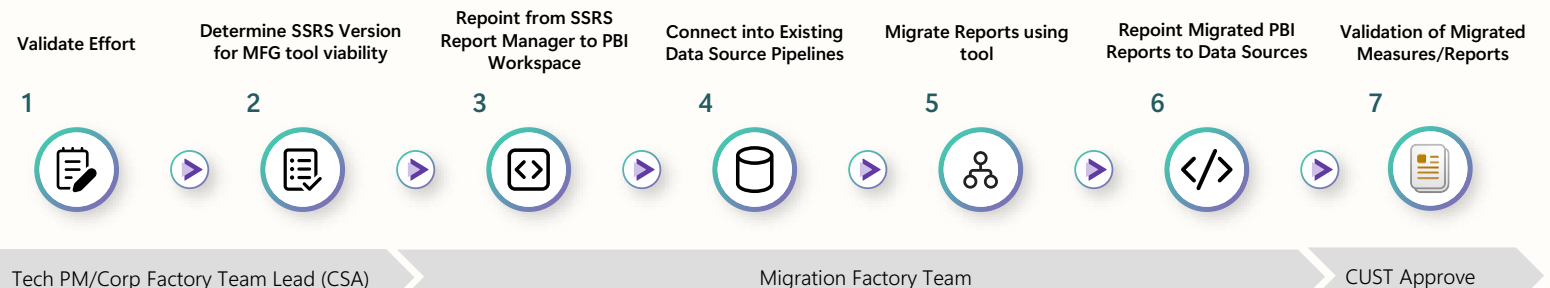
### Execute Analytics (Reporting Tier) Use Case

- Our expert team will develop, test, deploy customer use case based on approved requirements
- Predefined application templates and accelerators aid in bootstrapping the development process.

### Migration Factory: Outline of Typical 3-6 Week Project

#### Scope Migration Using Automated Tool

#### Execution Phase of Report Migration





# CSU Migration Factory

## Power BI – SSAS/AAS to P SKU/F SKU



### Purpose

Design, build, and deploy repeatable, low-to-no code change report, semantic layer, data models from SSAS/Azure Analysis Services (AAS) to Power BI Premium/Fabric.



### Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Field Account Team
- Repeatable assets for rapid deployment



### Customer Resources

- Customer Executive Sponsor
- Customer Data Model Architects & Report Writers (Skills: SSAS/Azure Analysis Services / Tabular Modelers & Admins, ADLS, PBI, PowerShell)



### Nominate Today

Submit here: <https://aka.ms/CMF>



### Accelerated Results

Assess your current state of Power BI adoption and gain clarity on the data culture objectives for your organization to understand benefits and use case for PBI Premium/Fabric.



### Actionable Insights

- Content collaboration & delivery
- Self-Service BI
- Content management & deployment
- Real-Time
- Embedding and Hybrid



### Capacity At-scale

Capacity is at the heart of PBI Premium & PBI Embedded reserved for use by your org to publish dashboards, reports, and datasets to users.



### Analyze Requirements

- Validate license type (Fabric Capacity, PBI Premium per Capacity, PBI Premium per User or PBI Embedded required)
- Workspace Administrator permissions required in PBI to perform migrations; can only view completed migrations otherwise.



### Deploy AAS Migration Strategy

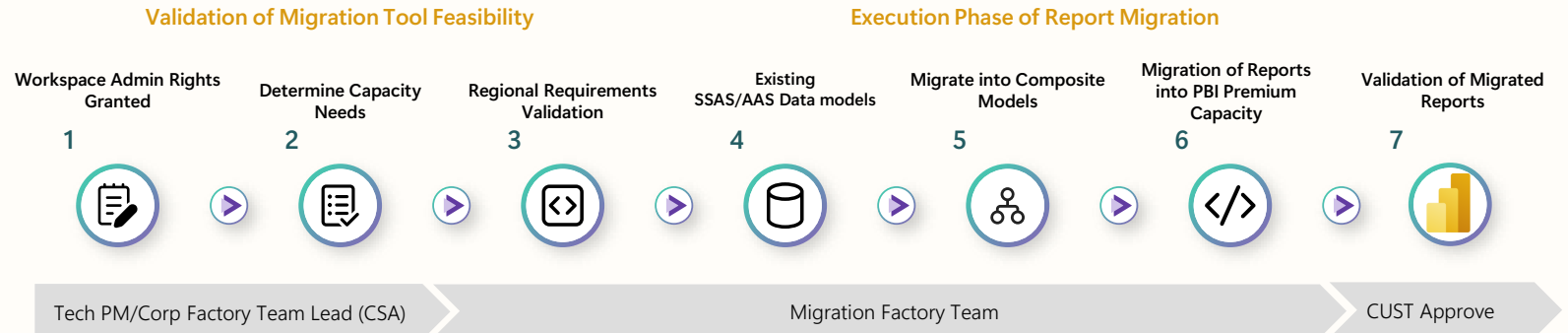
- Utilize PBI Adoption Framework to plan and execute reporting strategy in line with corporate strategy
- Determine impact of Import vs Direct Query / Composite models and Hybrid tables used in underlying data model



### Build Analytics Use Case

- Our expert team will develop, test, deploy customer use case based on approved requirements
- Predefined application templates and accelerators aid in bootstrapping the development process of PBI Premium migration assets.

### Migration Factory: Outline of Typical 3-6 Week Project



# CSU Migration Factory

## Power BI – P SKU to F SKU



### Purpose

Design, build and deploy repeatable, low-to-no code migrations from Power BI Premium (P SKU) to Microsoft Fabric Capacity (F SKU).



### Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Field Account Team
- Repeatable assets for rapid deployment



### Customer Resources

- Customer Executive Sponsor
- Customer: Administrator (PBI or Fabric), Capacity Administrator, Domain Administrator



### Nominate Today

Submit here: <https://aka.ms/CMF>



### Accelerated Results

Discover and assess baseline architecture, along with identifying key stakeholders, migration scenarios and estimate costs savings to migrate your workspaces to F SKU.



### Actionable Insights

Migration to F SKU provides several benefits including smaller starting SKUs, capacity reservations, Azure-only features and pay-as-you-go options.



### Capacity At-scale

Microsoft Fabric Capacity(F SKU) is a superset of Power BI premium, which provides compute for data processing, report rendering and other data analytics workloads.



### Analyze Requirements

- Validate discovery questionnaire for custom workload settings in existing capacities.
- Identify roles, permissions and responsibilities for migration plan
- Test the migration scenarios in lower environment(s) or non-critical workspaces & validate test results.



### Deploy SKU Migration Strategy

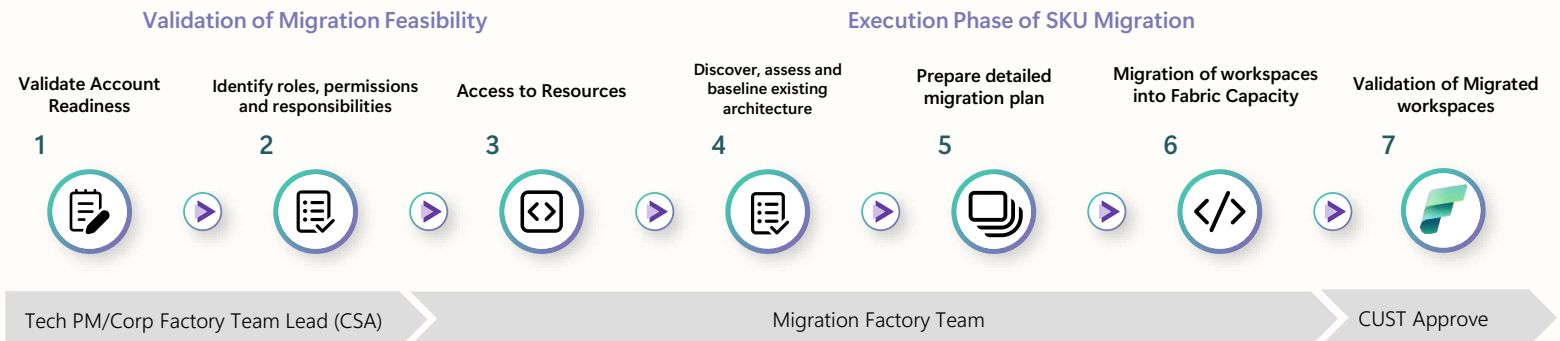
- Utilize P SKU to F SKU migration plan and execute strategy in migrating workspaces individually or by bulk based on corporate strategy
- Perform validation and cutover.



### Build Analytics Use Case

- Our expert team will develop, test, deploy customer use case based on approved requirements
- Predefined application steps aid in bootstrapping the development process of migration assets.

### Migration Factory: Outline of Typical 3-4 Week Project

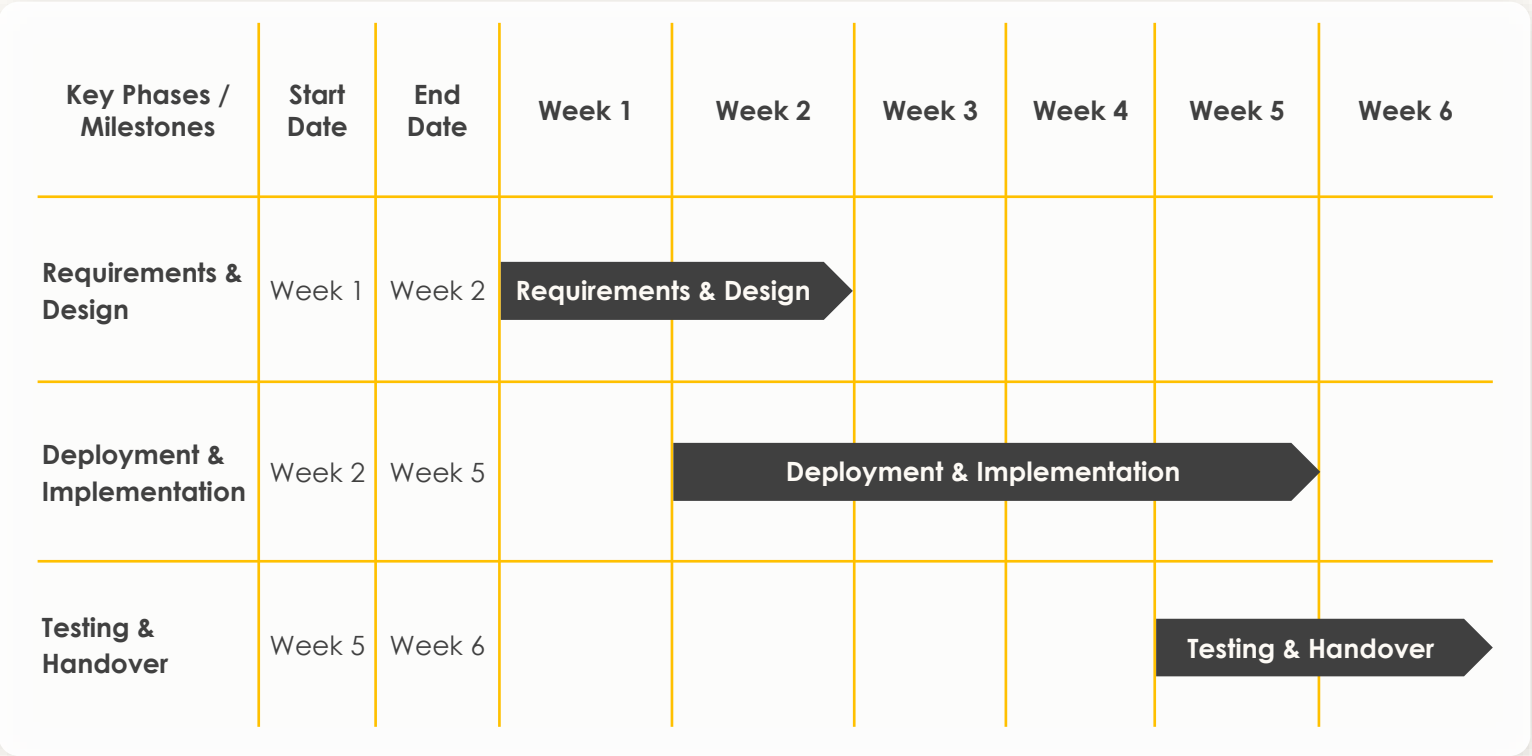


# P SKU to F SKU Migration Scenarios

Migration Scenario	Supported
Migrating workspaces having <b><u>only Power BI</u></b> items - within the same region	Yes
Migrating workspaces having <b><u>only Power BI</u></b> items - To a different region	Yes
Migrating workspaces having <b><u>Fabric</u></b> items - within the same region	Yes
Migrating workspaces having <b><u>Fabric</u></b> items - To a different region	No - you must delete all the Fabric items from the workspace first.
Cross Tenant Migration	No

\*Prerequisite before nomination: Customer should work with Specialist or Field CSA to determine and purchase F SKU capacity before nomination is submitted.

# Power BI Project Timeline



1

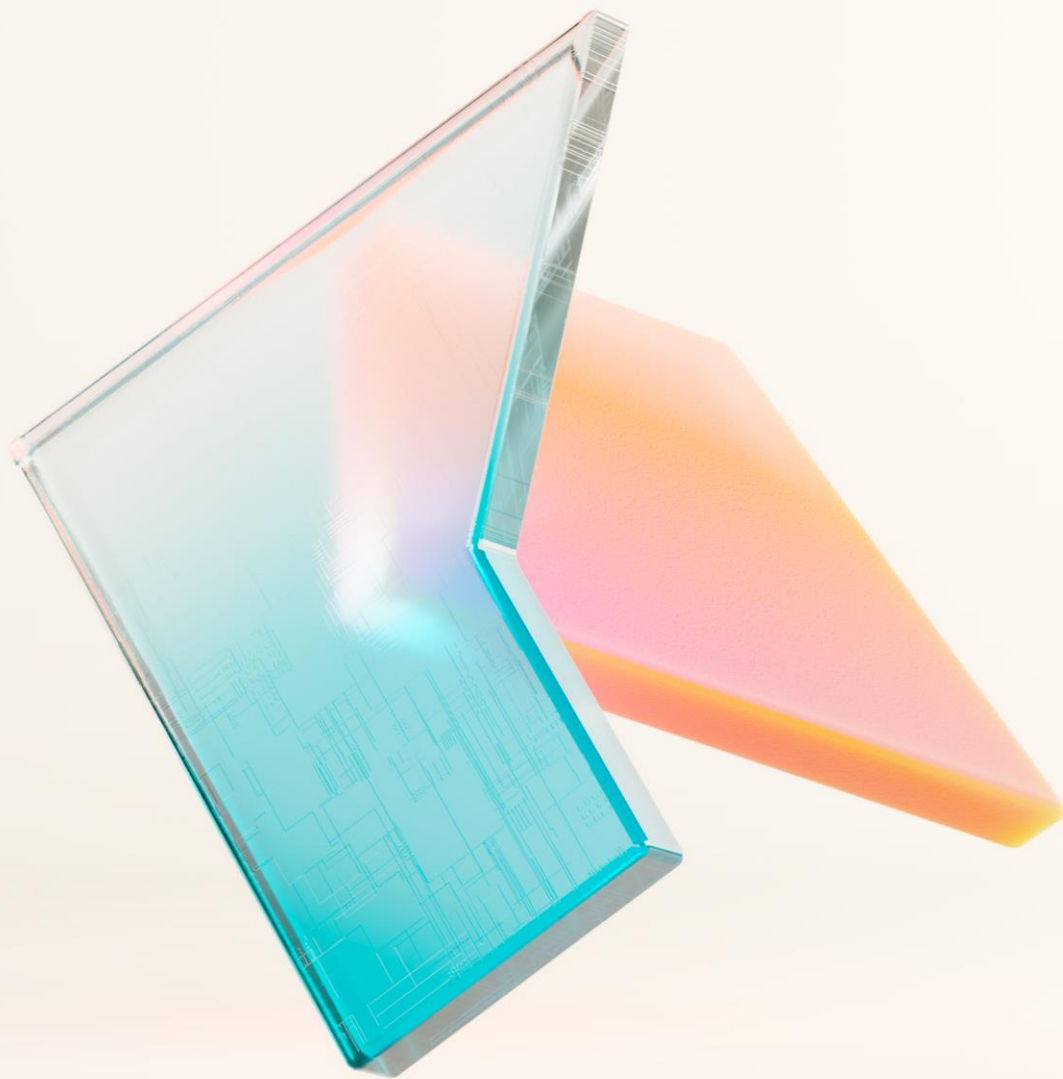
Requirements and Design: Local CSA, Corp Factory Team Lead and Customer will meet to discuss requirements and design of the program

2

Deployment and Implementation: Development team will be doing the work

3

Testing and Handover: Development team and Customer should be doing iterative testing and completing the handover



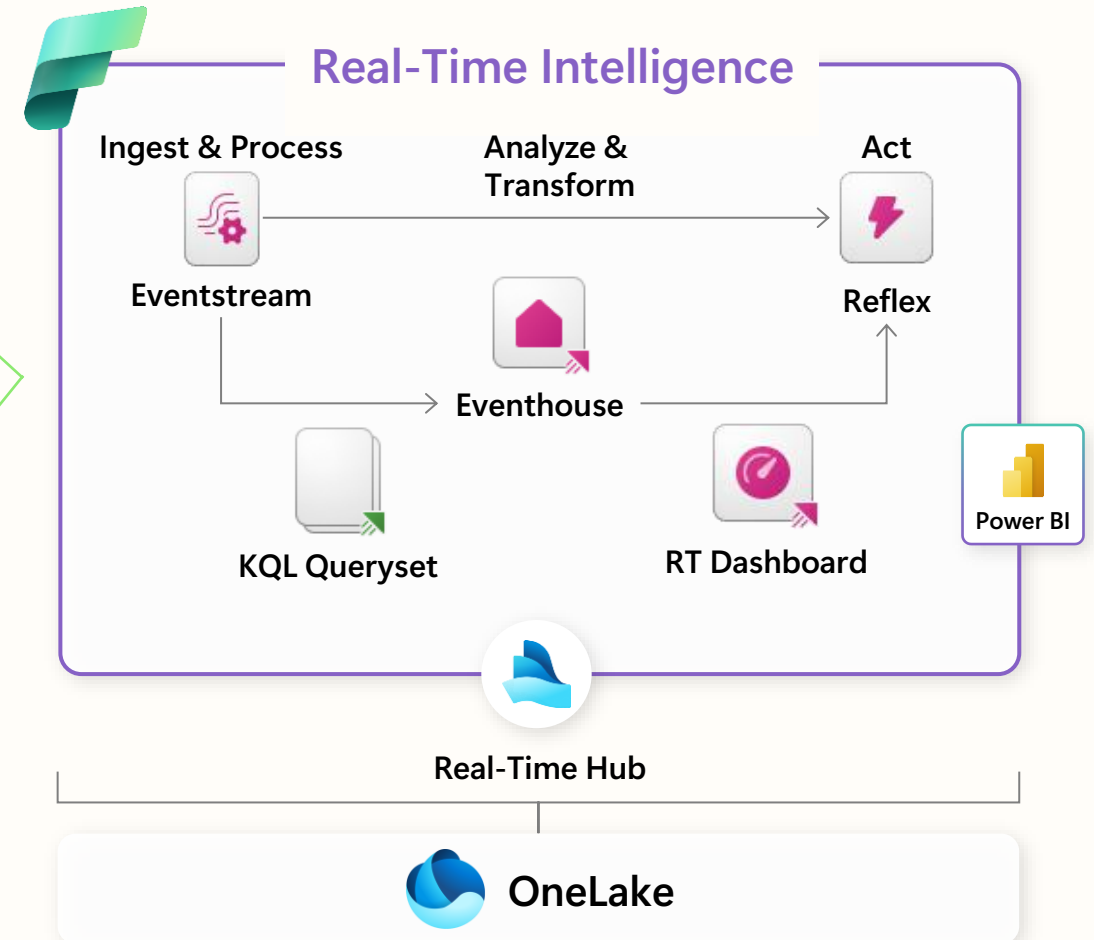
Real-Time  
Intelligence

# Real-Time Intelligence



Digital Operations, Observational, (I)IoT+  
high-granular, discrete analytics

Streaming, minimal-latency, data in-motion, predictive analytics





# Real-Time Intelligence – In Scope

## Data Sources

Splunk can forward to Fabric for analytics

Elasticsearch

Sentinel using continuous export or setup parallel-ingestion

Azure Database Watcher

InfluxDB by leveraging telegraf output [plugin](#) to fabric eventhouse

Aveva OSI-PI

AWS Kinesis, AWS Timestream, Confluent, Google Pubsub, Spark streaming

Azure Time Series Insights (retires July 7, 2024)

Azure AI Metrics Advisor - Anomaly Detection (**retires October 1, 2026**)

Snowflake, Google BigQuery, IBM DB2 when data is timeseries, logs or telemetry

KSQL, Singlestore, Clickhouse, Datadog, Newrelic, Dynatrace & Pinot

GraphDBs such as Neo4j & Tigergraph

VectorstoreDBs such as Weaviate, Qdrant, Chroma, Milvus

## Interface Patterns

IoT

SignalR websockets

REST-APIs

Kafka, Flink, Redpanda, Druid

## CDC scenarios

Azure PostgreSQL

Cosmos DB

Azure MySQL

Azure SQL Database

Oracle Goldengate via EH connector

# Real-Time Intelligence Scope



## In Scope

- Analyze requirements and help you determine the optimal alignment with Fabric Real-Time Intelligence
- Remove unused resources post migration and amplify modern solution to optimize ROI.
- Migrate data to Fabric using scripts, pipelines, streaming features or agents.
- Translate queries to KQL, real-time transformations, medallion architecture, dashboards and actions
- Knowledge Transfer, however in-depth ADX/Fabric training is not in scope, but is available through a VBD
- Creation of one Dashboard that meets the core needs of the workload

## Out of Scope

- Custom App code conversions
- Migrations to alternate solutions outside of Fabric or ADX
- Upstream or Advanced Transformations

# CSU Migration Factory

## Real-Time Intelligence



### Purpose

Design, build, and deploy repeatable, low-to-no code analytics platform for real-time intelligence including ad-hoc querying, visualization and act on large volumes of streaming data.



### Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Field Account Team
- Repeatable assets for rapid deployment (including migration tool built by engineering)



### Customer Resources

- Customer Executive Sponsor
- Customer Data Model Architects. Data Engineers & Analysts (Skills: KQL, PowerShell)



### Nominate Today

Submit here: <https://aka.ms/CMF>



### Accelerated Results

Fabric offers real-time features that do all the work to ingest, transform, query and visualize your data. Serverless compute auto-scales and stores the data on OneLake. Achieve minimal latency, optimal ad-hoc analytics & speed to insights.



### Actionable Insights

Time stamped data, activity data, logs in the row, timeseries, and other telemetry data. Be able to ingest it and make it query-able in real-time. Derive insights and continue to process it or act. Create materialized views, apply schema on read to provide efficient cubes on top of it.



### Engineering At-scale

Migration tools from Microsoft provide industry-leading expertise to ensure fast and consistent results - working within your environment to deploy a Fabric Real Time Intelligence migration scenario that aligns to your goals.



### Analyze Requirements

- Analyze requirements and help you determine the optimal alignment with Fabric Real Time
  - Consider Big Data workloads such as Telemetry, IoT, Cyber/App Logs, Timeseries, Metrics, Geospatial, Graph, Embedding Vectors, High-granular, Discrete analytics.
  - Assess business needs, current platform and existing architecture



### Deploy Platform

- Deployment templates and scripts automate provisioning of Fabric capacity & workspaces.
- Migrate data to Fabric using scripts, pipelines, streaming features or agents.
- Environment cleansing ensuring resource cleanup
  - Remove unused resources post migration and amplify modern solution to optimize ROI.



### Build Analytics Use Case

- Our expert team will develop, test, deploy end-to-end customer use-case based on agreed scope.
- Including translation to KQL, real-time transformations, medallion architecture, dashboards and actions

## Migration Factory: Outline of Typical 6-8 Week Project

### Scope Migration Using

Validate account readiness and Scope

1



Review Existing Architecture

2



Parametrized Deployment of Fabric

3



Setup Ingestion

4



### Execution Phase of Report Migration

Apply Data Transformations

5



Translate Queries to KQL

6



Import Historical Data and Validate Platform

7



Tech PM/Corp Factory Team Lead (CSA)

Migration Factory Team

CUST Approve

# Appendix

Thank you