QUADRANT

OVERVIEW OF MIGRATING FROM **POWER BI TO MICROSOFT FABRIC**

Migrating from Power BI to Microsoft Fabric involves moving datasets, reports, and workspaces to a unified platform that enhances analytics capabilities. Fabric centralizes data management, real-time analytics, and BI, providing scalability, flexibility, and advanced tools for better insights and data handling.

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To migrate your Power BI and Fabric items, follow these steps:

1. Purchase new Fabric capacity and pause the Power BI Premium capacity. You have 90 days to access data without losing work, ensuring you don't pay for both Premium (P-SKU) and Fabric (F-SKU) at the same time.

2. If you have few or no Fabric artifacts, consider disabling Fabric features during the migration to speed up the process.

3. Reassign workspaces to the new Fabric capacity:

    1. Individually: Go to each workspace's settings and assign it to the new capacity (requires admin and capacity assignment permissions).

    2. Bulk assign: In the Admin Portal, under the capacity settings, select Workspaces assigned to this capacity. You can assign workspaces in the following ways:

        - User: Assign all workspaces to a user/group manager
        - Specific workspaces: Assign specific workspaces.
        - Entire organization: Assign all workspaces in the organization.

    3. Alternatively, you can use the Assign to Capacity REST API to automate the process.

    After reassignment, re-run any canceled jobs.

Benefits of Microsoft Fabric

01. Unified Data Management

All data is accessible in one place, improving collaboration anddecision-making.

02. Real-Time Insights

Access up-to-date information quickly with Fabric's real-time analytics

03. Scalability and Performance

Handles large-scale data operations effectively.

04. Enhanced Collaboration

Facilitates teamwork across data engineering, science, and BI.

05. Advanced Analytics and AI Integration

Simplifies building predictive models and applyingmachine learning.

Migration Considerations

1 Data Sources:
Review and adjust data sources for compatibility.

2 Permissions:
Assess and replicate access controls like Row-Level Security (RLS) and Role-Based Access Control (RBAC)

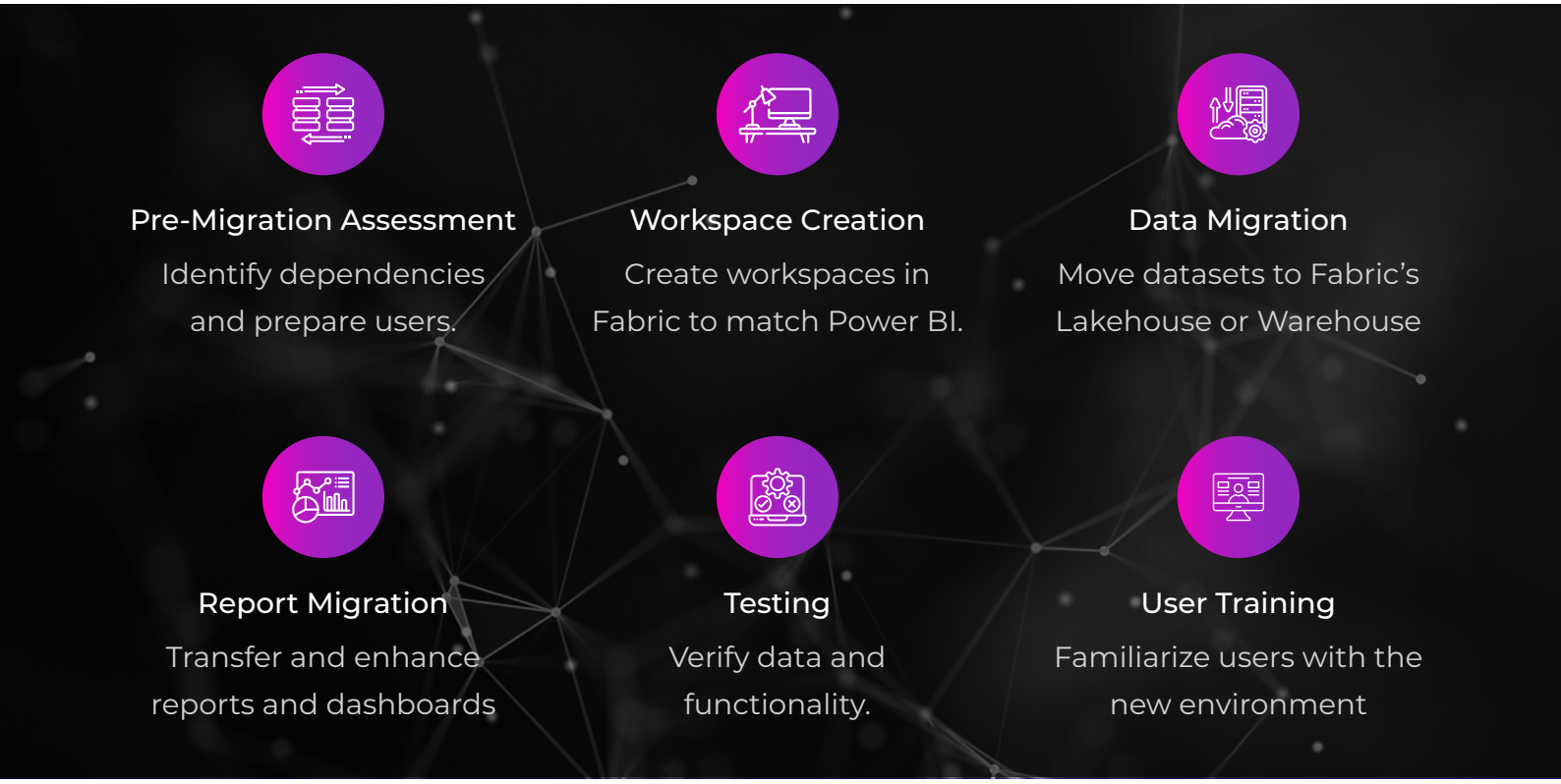
3 Data Models:
Identify and recreate necessary datasets in Fabric

4 Reports:
Transfer reports and dashboards, reconfiguring as needed

5 Testing:
Validate the accuracy and performance of the data

6 User Training:
Educate users on Fabric's features.

Migration Steps



Pre-Migration Assessment
Identify dependencies and prepare users.

Workspace Creation
Create workspaces in Fabric to match Power BI.

Data Migration
Move datasets to Fabric's Lakehouse or Warehouse

Report Migration
Transfer and enhance reports and dashboards

Testing
Verify data and functionality.

User Training
Familiarize users with the new environment

Steps to Reassign Workspaces

Pre-Migration Assessment
Identify dependencies and prepare users.

Access the Admin Portal
Log in to the Power BI service and navigate to the Admin Portal.

Select Fabric Capacity
Ensure Fabric capacity is available for reassignment

Reassign Workspaces
Choose workspaces to transfer and select Fabric capacity from thedropdown menu

Confirm the Migration
Review and confirm workspace reassignment to start usingMicrosoft Fabric resources.

Key Migration Steps

1

Set Up Data Tables

Define tables in Fabric's Lakehouse/Warehouse

2

Transfer Queries

Copy Power Query steps to a new Gen2 Dataflow

3

Map Queries

Specify target tables in Fabric for each query

4

Build New Model

Create a semantic model directly from the Lakehouse/Warehouse

5

Organize Data

Rename and format tables and columns to improve user-friendliness.

6

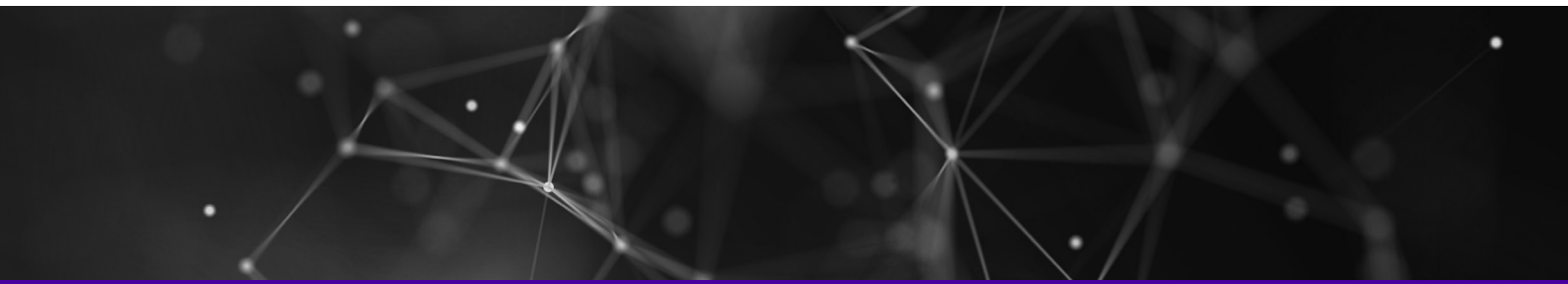
Add Model Features

Implement measures and hierarchies using Tabular Editor

7

Reconnect Reports

Link existing Power BI reports on the new Fabric model.



Real-World Use Cases

- Retail Demand Forecasting: Use real-time data to optimize inventory and improve accuracy.
- Financial Fraud Detection: Enhance fraud detection with real-time analytics and machinelearning.
- Healthcare Monitoring: Monitor patient health with integrated real-time insights.
- Supply Chain Optimization: Analyze IoT data to improve visibility and predict delays.
- Marketing Performance: Centralize campaign data for real-time strategy adjustments.

This concise summary highlights the key points and benefits of migrating from Power BI to MicrosoftFabric, making it easier to understand the process and its implications.

Centralized Benefits with Microsoft Fabric

Transform your data strategy with Fabric's unified, powerful analytics experience.

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