

Activate SQL Data Warehouse Migration and Modernization

Proof of Concept

Duration: 4 Days

Focus Area: Upgrade, Migration and Deployment

Difficulty Level: 300

Overview

Activate SQL Data Warehouse Migration and Modernization helps customer to understand the key processes of deploying a cloud data warehouse. The program is designed to walk through the cloud data warehouse features and understand the key principles of operating the Azure SQL Data Warehouse. That includes data ingestion strategies, automating data orchestration pipeline, optimization techniques and connecting to Azure SQL Data Warehouse with BI tools.

Objectives

- Empower your team to make quick, confident decisions with a single view of your business.
- Implement a real-life scenario in your organization and have a roadmap for production.

Methodology

Scoping

A pre-scoping session with your Technical Account team is required for this engagement.

Learn by example

Learn key concepts and best practices as you work side-by-side with a Microsoft engineer to enable a real-world deployment scenario.

Build a proof of concept

Gain hands-on experience in a proof of concept scenario that demonstrates a scenario selected for your organization. Customers running data warehouse workload on a non-APS or SQL Server, it is required to extract sample datasets from the source and stage to Azure Blob Storage as a pre-requisite.

Key takeaways

- Understanding of Massive Parallel Processing Architecture and the key processes to operate Azure SQL Data Warehouse
- Recommendations and guidance on how to migrate and deploy existing data warehouse to Azure SQL Data Warehouse
- Data ingestion best practices

Syllabus

- Script migration objects, schema and data ingestion service for staging
- Build and deploy data orchestration pipeline, perform data transformation
- Configure best practices and optimization strategies
- Connect SQL Data Warehouse with BI tools

Scenario

After discussions with your Microsoft engineer, you will build a plan that fits your organization's needs:

This scenario will teach you how to migrate and modernize existing data warehouse to Azure SQL Data Warehouse.

For more information

Contact your Microsoft Account Representative for further details.