DATA WAREHOUSE MODERNIZATION

Gain greater agility and value from your data.

On-premises SQL Server data warehouses have become increasingly difficult to maintain, yet migrating them to the cloud can be a laborious and intricate endeavor. If you're adopting a modern data architecture in Microsoft Azure, you may think a costly, time-consuming migration awaits, but that doesn't have to be the case.

3Cloud is the world's leading Microsoft Azure partner for data warehouse assessment, strategy, design, and migration. Our proprietary tools and processes, along with the top minds in the business, can help define and support the right path for you to modernize your data warehouse, and do so in the shortest duration possible.

Our Data Warehouse Modernization Process

Organizational Readiness & Roadmap
This phase is a workshop-style engagement to assess your current SQL Server data warehouse environment, provide roadmap recommendations and define a high-level estimate for modernization.

SQL Data Warehouse Modernization
Using our modern data architecture framework and a set of proprietary and commercially available tools, this phase configures your Azure environment for a data lake architecture and converts legacy data and environments into the modern solutions defined in the previous phase.
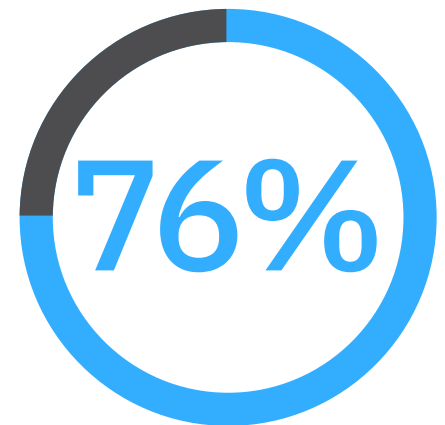
Deployment and Data Validation
This step includes deployment and operationalization of the ETL/ELT pipelines, and validation of datasets and queries within the new data lake environment.

76%

Of executives noted that they are investing more in 2021 in their analytics platforms.

-Yellowstone, 2021

Data Warehouse Modernization could be supported by Microsoft funding programs.

Key Outcomes and Benefits
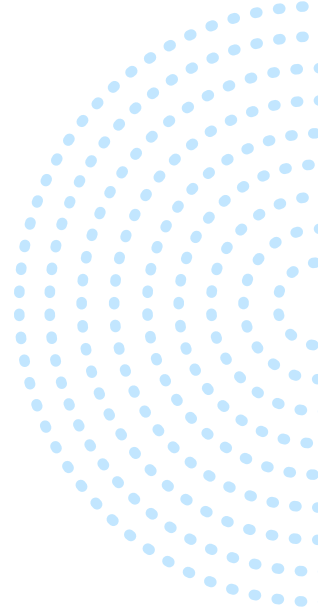
Enable Innovation

- ✓ Enable self-service Business Intelligence, Machine Learning and AI solutions
- ✓ Handle increased demands for data consumption from both traditional IT and business groups
- ✓ Provide quicker data delivery and greater accuracy for faster, more robust data-driven decision-making
- ✓ Easily create and clone data areas for managed and unmanaged data to support rapid application development, and data science workbench

Elasticity and Scalability

- ✓ Easily handle seasonal or event driven spikes
- ✓ Scale up for increased performance and capacity
- ✓ Scale down for cost control
- ✓ Quickly spin up new and temporary data environments
- ✓ Gain granular usage visibility

Move Off Legacy Technologies

- ✓ Avoid end-of-support availability and performance issues
- ✓ Avoid the high cost of extended support contracts and lease extensions
- ✓ Reduce reliance on legacy skillsets
- ✓ Reduce administrative overheard managing Servers and OS in favor of PaaS

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Azure Expert MSP
2019, 2020, 2021, 2022