

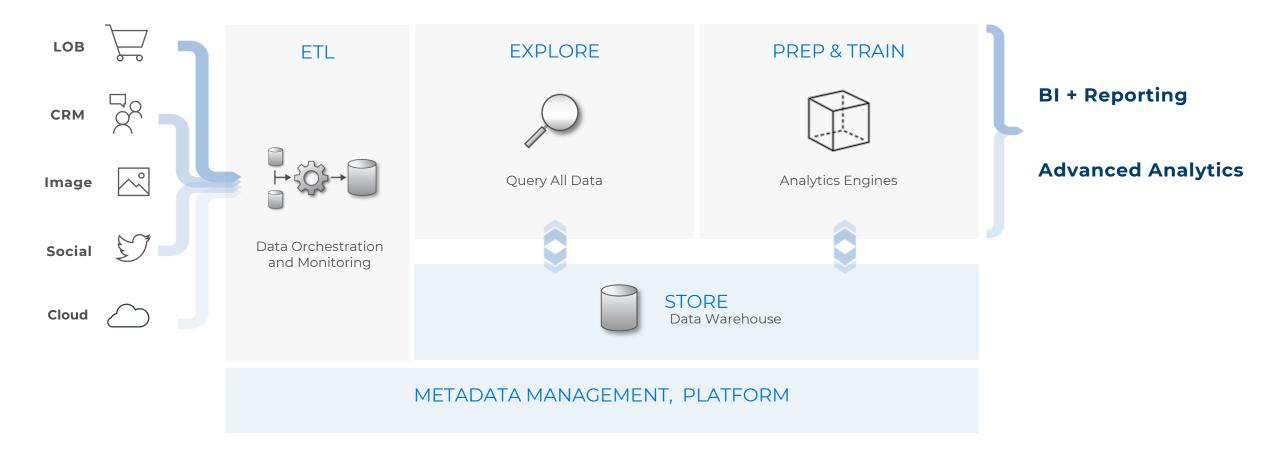
LUXEMBOURG

# From SQL On-Premises to the Cloud

Making the Move to Azure

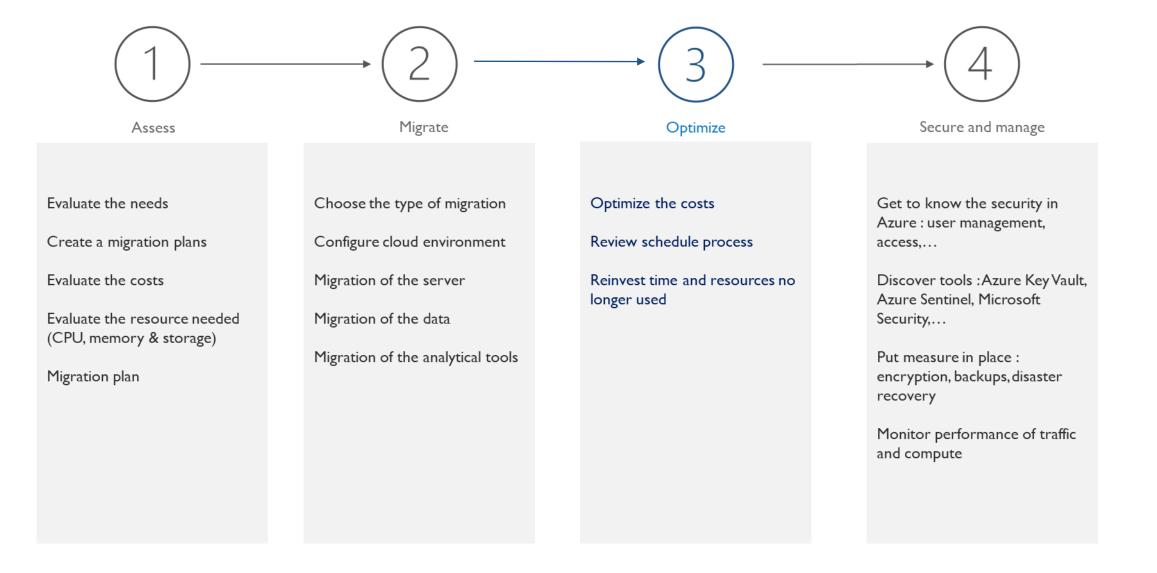
SQL on-premises Database Optimization for Azure

### **Essential On-Premises Data Warehouse Architecture Basics**



\*On-premises Data Warehouse – Logical Architecture

## **Key Phases of a Data Migration Process**



## **Rehost / Lift and Shift**

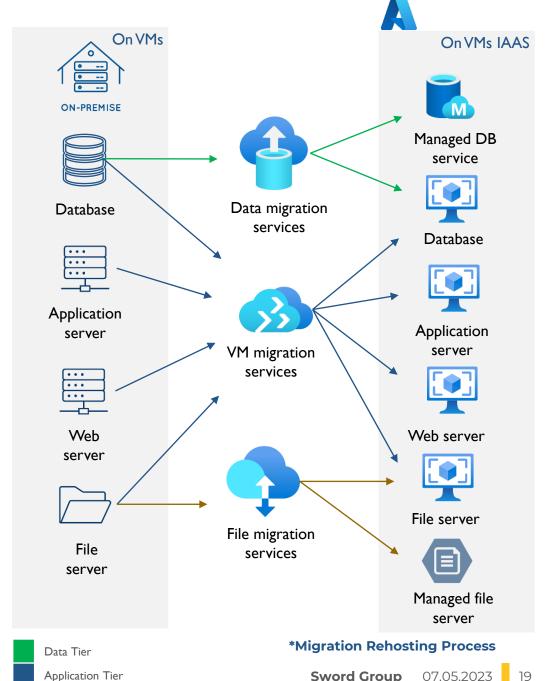
Scenario: Moving applications from the onpremise environment to the cloud with no changes to the underlying application.

**Suitable for**: Legacy migrations, teams with limited cloud or Azure skills.

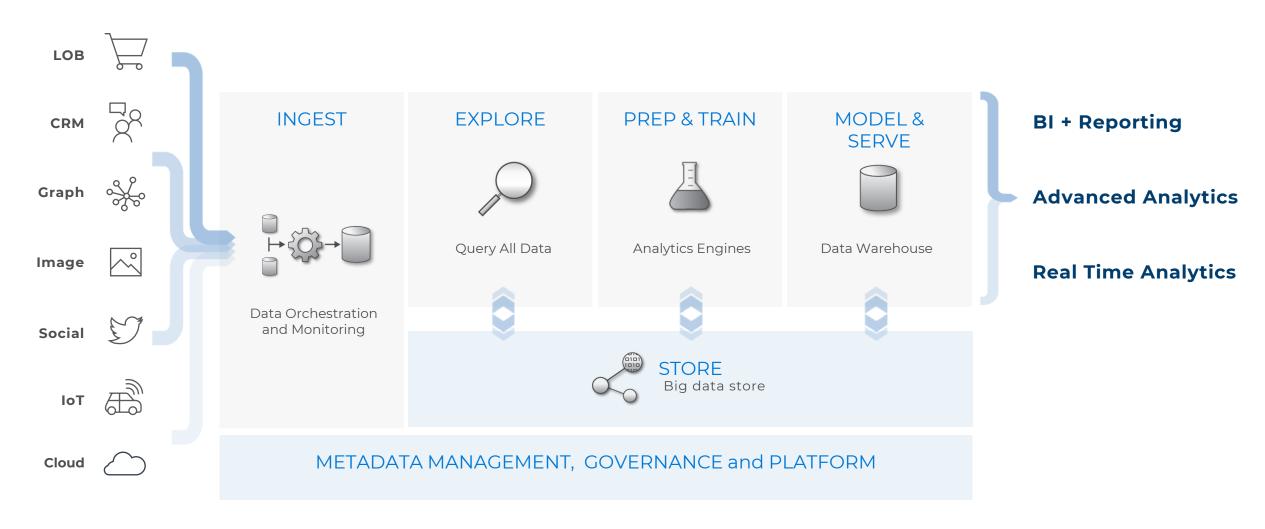
- Smaller risk of breaking the application, faster and easier migration.
- Applications might use cloud resources less X efficiently and be more difficult to scale and extend.

**Steps** to rehost SQL Server to Azure:

- 1. Assess the current SQL Server instance
- 2. Choose the Azure SQL deployment option
- 3. Prepare the Azure environment
- 4. Migrate / Optimize / Test the SQL Server instance for Azure



#### **Essential Modern Data Warehouse Architecture Basics**



\*Modern Data Warehouse - Logical Architecture