

Data Warehouse on Azure | Workshop

Simform helps enterprises minimize risks in data warehouse on Azure implementations through architectural guidance, data modeling strategies, and governance frameworks for continued performance at scale.

Overview summary

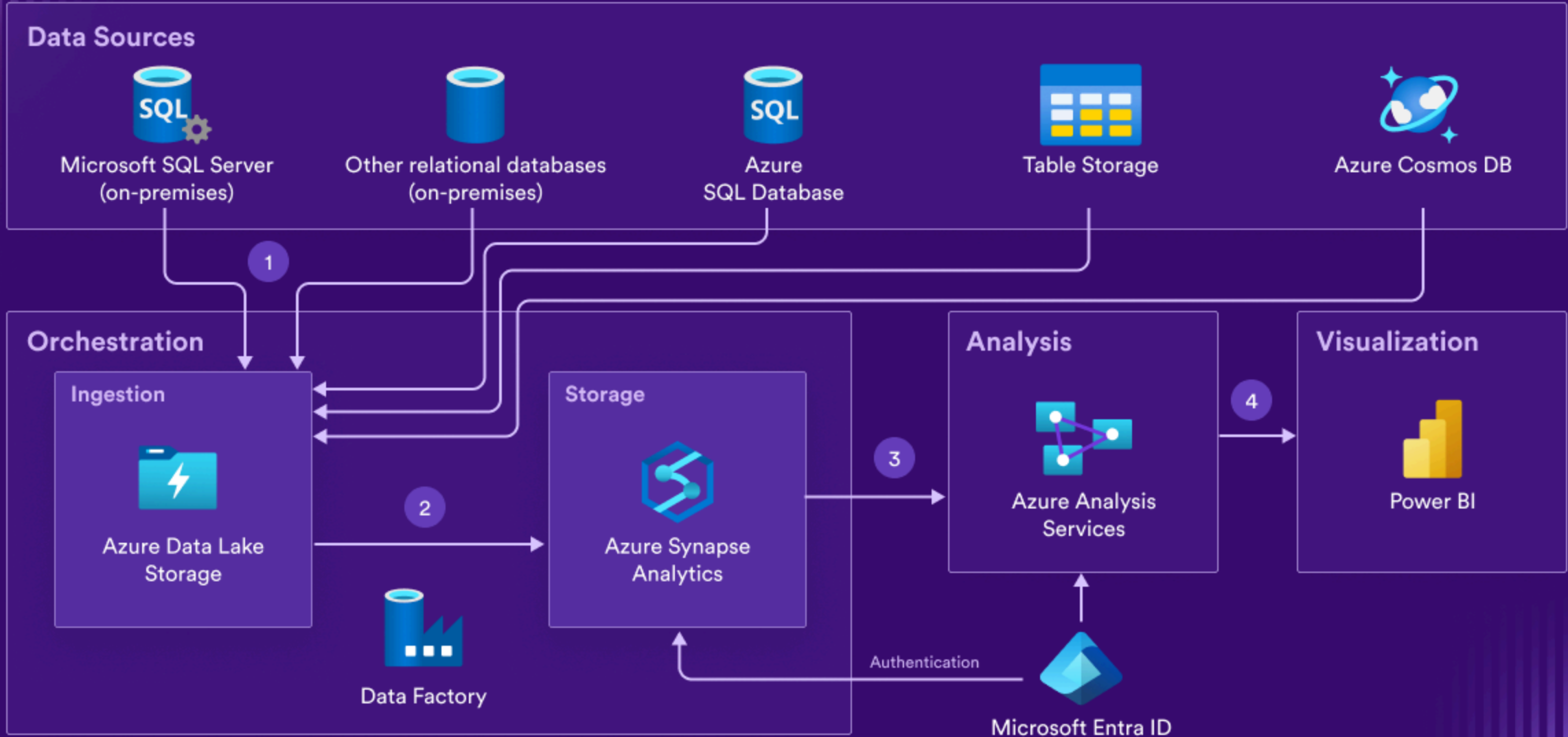
Azure's modern data warehouse offers cost-efficient analytics capabilities, but its implementation complexity demands specialized expertise. Simform's experienced team guides organizations through critical technical decisions in data ingestion, storage architecture, and pipeline automation, delivering high-performance warehousing solutions that reliably process terabyte-scale data for advanced analytics needs.

- 1. Discovery and assessment:** We analyze your data landscape, source systems, and existing pain points to identify optimization opportunities and ROI potential. This includes assessment of data volumes, latency requirements, and BI reporting needs.
- 2. Architecture design and data flows:** We evaluate modern Azure technologies (Synapse, ADF, Databricks, ADLS) to design your end-to-end architecture, providing detailed flow diagrams and key processing demos..
- 3. Data integration and modernization framework:** We create your integration strategy covering ingestion patterns, data modeling, and performance optimization. Also includes standardized processes for data quality, partitioning, and automated pipelines using Azure's native tools.
- 4. Security and governance planning:** We build your robust governance framework with defined roles, security controls, DR strategies, and integrated lineage tracking, and compliance measures backed by monitoring capabilities.
- 5. Implementation roadmap and knowledge transfer:** We deliver your phased implementation roadmap with resource planning and risk mitigation strategies, along with technical workshops to prepare your team for successful operations.

What you get

- Assessment report documenting your data landscape, optimization opportunities, and ROI estimates for warehouse modernization
- Architecture design detailing your Azure service recommendations, security measures, and infrastructure sizing
- Data governance model with lineage tracking and compliance recommendations
- Implementation roadmap with prioritized workstreams, resource requirements, timeline estimates, and risk mitigation strategies

Data Pipeline Integration in Unified Analytics Platform



Benefits of working with Simform for Azure

Azure-certified engineers

Our team boasts 75+ Azure-certified engineers and 250+ Microsoft developers—cloud architects, developers, DevOps engineers, and more—meticulously aligned with your cloud requirements.



Quality and governance

We integrate robust governance for complex multi-account deployments, automate security and compliance processes, and apply reliability engineering to ensure your cloud deployments meet Azure and industry standards.



Recognized Azure expertise

Simform excels in Generative AI on Azure, Azure migration and modernization, data science and ML, analytics, and Azure managed services. We help identify and implement the right Azure services to address complex business challenges.



Future-proof methodologies

Our focus on Cloud-native/MACH architectures and cutting-edge Gen AI and ML ensures your solutions are always ahead of the curve. We adhere to well-architected frameworks, implement IaC best practices, and use tailored SRE practices.



End-to-end Azure services

We handle every stage of your Azure transformation, from executing migrations and designing cloud architecture to setting up landing zones, implementing strategic FinOps, and establishing automated governance systems.

Simform and Azure – Empowering digital transformation with cutting-edge AI/ML

Simform specializes in Cloud/MACH architectures, DevOps, data, and AI using Azure technologies. From SaaS development to advanced AI integrations, our Azure services align with Microsoft’s well-architected framework to deliver highly performant, efficient, and secure cloud solutions.

Digital Product Engineering

- Cloud native and MACH development
- Serverless API development
- Application modernization
- Advanced DevOps transformation
- API management and integrations
- PaaS integrations
- Low-code development with Power Platform

Data & AI/ML Engineering

- Data engineering and analytics
- Data platform modernization
- GenAI using Azure AI Studio
- Data science and ML
- Azure AI services PaaS

Infrastructure Engineering

- Migration assessment and implementation
- Well architected reviews
- Kubernetes and containerization
- Infrastructure as a Code
- Unified observability
- Cloud governance and FinOps
- Hybrid cloud and VDI migration

Security and Compliance Engineering

- Security posture improvement
- DevSecOps
- Compliance management
- Vulnerability assessment and penetration testing

75+

Azure-certified engineers

250+

Microsoft developers

50+

Projects delivered