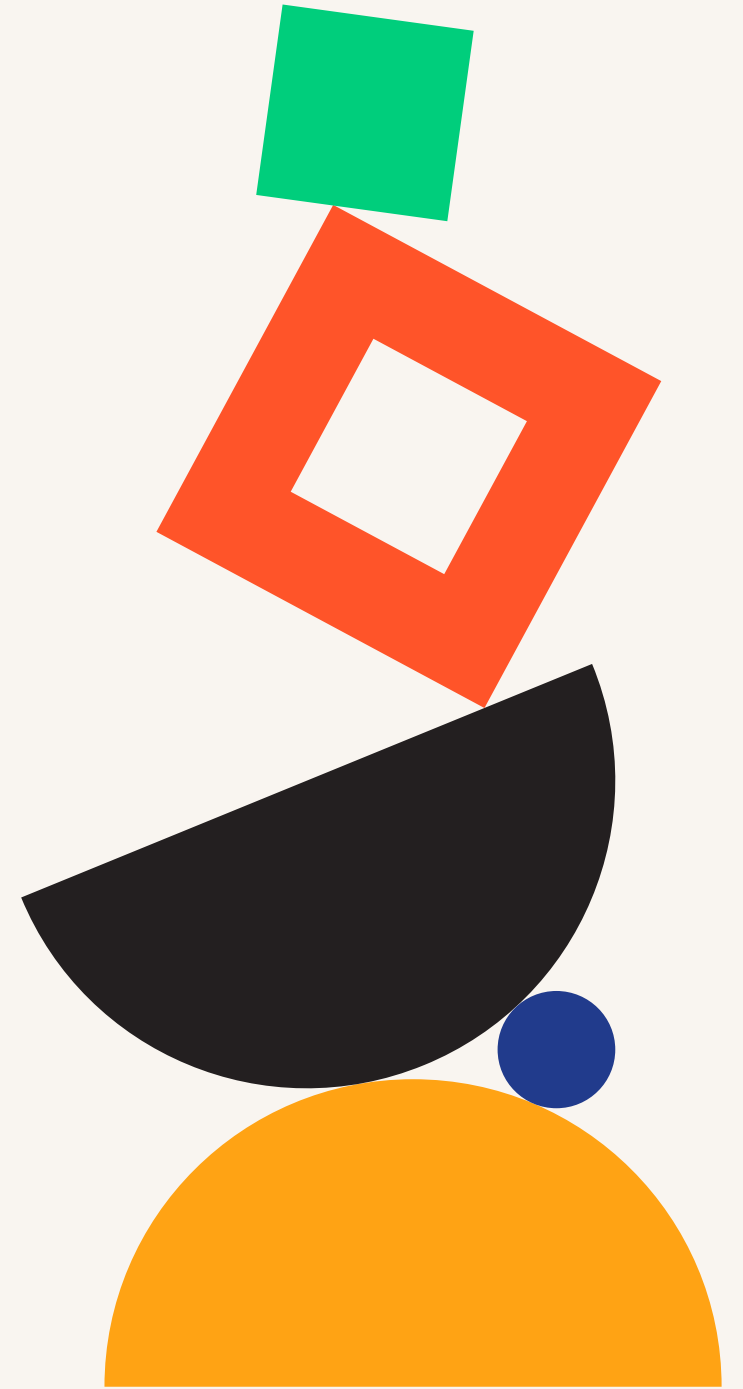# pomerol

We simplify data to help your business grow.

Migration to Fabric

Introduction to Pomerol Partners

Pomerol is a team of talented consultants specializing in data-driven projects **focused on delivering business value.**

Pomerol's Model

1 Partner : 10 Consultants

5 Core Business Practices
We have specialized teams focused on Data Strategy, Data Analytics, Data Engineering, Data Science, and Data Products.

US-based
20+ employees and 3 Partners based in the Americas

Our Consultants

True Team
Our consulting teams collaborate to support client projects daily – this is the norm – not the exception

Employee Collaboration
Our employee secondment program leads to closer working relationships across the Americas and provides invaluable experiences for our consultants

Talent & Retention
With a true path to partnership, we help our consultants grow their individual careers. As a result, we attract and retain the most talented consultants

Our Clients

Reputation Built On Results
Our results speak for themselves: over 80% of our work is referral, recommendation or repeat business

Industry Agnostic
Our consulting teams have experience in your industry and will engineer a solution to match your business process

Client Experience
Client experience means the world to Pomerol – you will receive personalized and attentive service

Our Technology Alliances

Technology Agnostic
Outside our key data analytics technology alliances, we are technology agnostic. Our consulting teams will work with the technology that fits your strategy

Microsoft Data & AI Solutions Partner: We have delivered projects across the Microsoft data stack including Power BI, Fabric and more

Qlik (Elite) Partner
We are an Elite partner of Qlik – we hold a seat on the Global Partner's Advisory Council – and we have completed 400+ Qlik projects

pomerol

Rooted in America, Impact on a Global Level.

Our firm is Midwest-based, powered by talent across the Americas.

Denver
Scott Duthie
Partner

Data Analytics practice lead with deep technical knowledge of CRM and ERP platforms. Specializes in high-impact reporting solutions.

**Chicago**
John Fitzgerald
Partner

Data Engineering practice lead: Manages technology partner relationships and leads roadmap engagements. Focused on technical sales, lean management and manufacturing consulting.

Kansas City
Fred Hefer
Managing Partner

Co-founder, ex investment banking finance professional and operational leader. Responsible for company culture, business development and strategic partnerships.
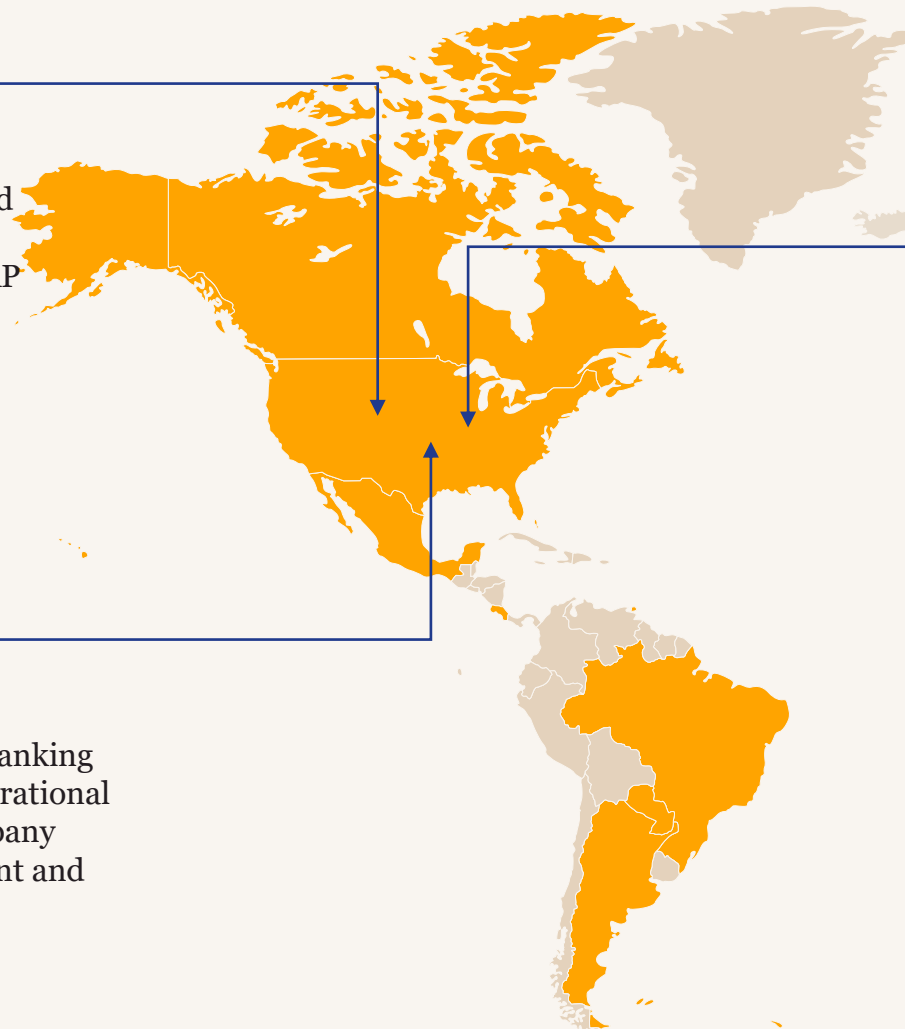
pomerol

What We Do At Pomerol Partners

Pomerol builds industry-leading, business-focused data solutions. We are not general technologists; we specialize in data and data-driven projects. We provide business value to our clients through simplifying data and making data actionable.

Data Strategy

We help drive organization-wide alignment on data and analytics priorities to achieve maximum business value. Analytics TO WIN® is Pomerol's answer to crafting a practical and prescriptive Data and Analytics Strategy quickly and efficiently.

Data Engineering

We work with you to extract, cleanse, organise, curate, store, and catalog your data throughout its entire lifecycle from creation to the time it's archived using best-in-class tools like Databricks and Snowflake.

Data Analytics

Dashboards that empower data discovery and channel insights to decision makers. We automate analytic workflows, build scheduled report distribution, and embed operational alerting.

Data Science

We help you identify future outcomes and trends by layering automated machine learning models over your data landscape. Predictive analytics drives value through better planning and proactive decision making.

Data Products

We partner with you to build bespoke data driven commercial products leveraging the latest web development tools sets - Subscription based platforms, customer portals, analytic mashups in public facing websites.
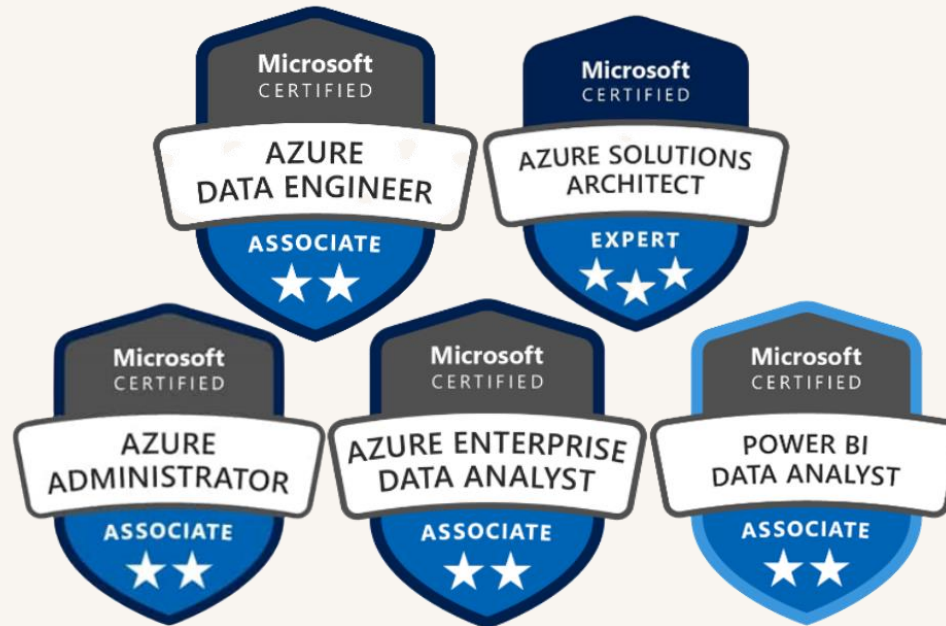
Client Success and Managed Services

CIO Advisory Services

Pomerol Partners Credibility

We are a Data & AI Solutions Partner with certifications across the Microsoft stack.

Microsoft
Solutions Partner

Data & AI
Azure

Microsoft CERTIFIED — AZURE DATA ENGINEER — ASSOCIATE ★★

Microsoft CERTIFIED — AZURE SOLUTIONS ARCHITECT — EXPERT ★★★

Microsoft CERTIFIED — AZURE ADMINISTRATOR — ASSOCIATE ★★

Microsoft CERTIFIED — AZURE ENTERPRISE DATA ANALYST — ASSOCIATE ★★

Microsoft CERTIFIED — POWER BI DATA ANALYST — ASSOCIATE ★★

pomerol

Pomerol Partners Credibility

Our top-tier clients include:

Why Migrate to Fabric?

The top reasons our clients have given for migrating to Fabric

Scalability

Fabric offers robust scalability options, allowing businesses to easily adjust resources based on their needs without significant downtime or performance issues

Cost Efficiency

By migrating to Fabric, businesses can optimize their IT spending. Fabric's pay-as-you-go model ensures that companies only pay for the resources they use, potentially reducing overall costs.

Enhanced Security

Fabric provides advanced security features, including data encryption, identity management, and compliance with industry standards, helping businesses protect sensitive information.

Improved Collaboration

Fabric integrates seamlessly with other Microsoft services like Teams and SharePoint, fostering better collaboration and communication among employees.

Advanced Analytics

With built-in analytics and AI capabilities, Fabric enables businesses to gain deeper insights from their data, supporting better decision-making and strategic planning.

Flexibility and Integration:

Fabric supports a wide range of applications and services, making it easier for businesses to integrate their existing tools and workflows. This flexibility helps ensure a smooth transition and maximizes the value of their technology investments.

pomerol

2 ETL Migration Options to Consider with Fabric
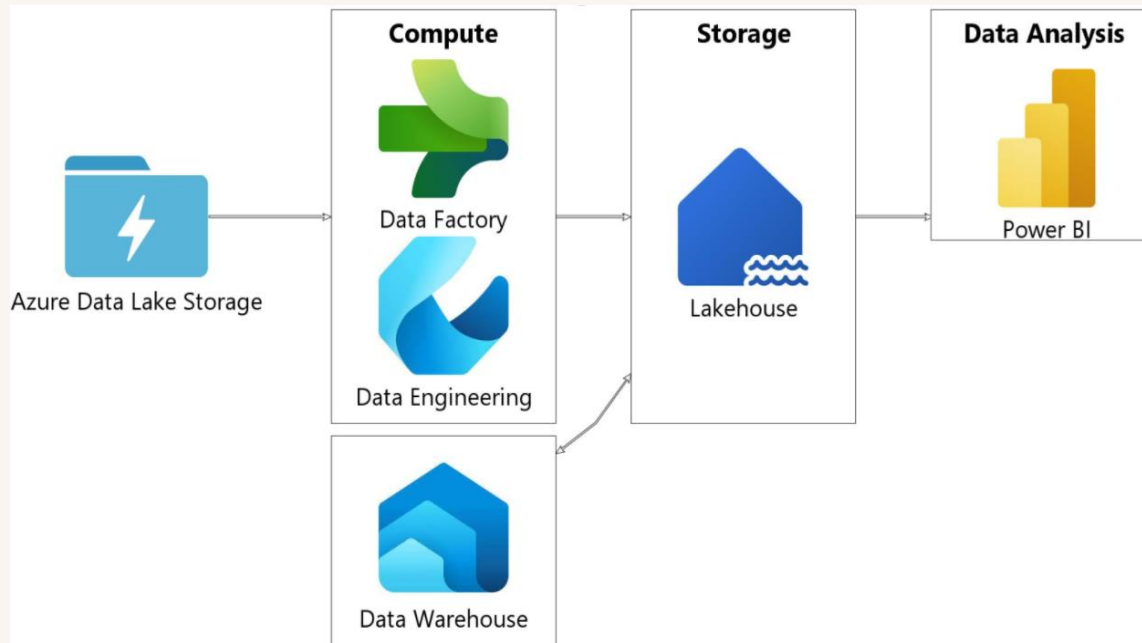
ETL Option 1: Fabric Targeted Solution

Build solution in Fabric to replace existing ETL and data warehouse

Proposal:

Fabric: hosts data warehouse and ETL processes

Architecture built to replace existing ETL and data warehouse only

Introduction to Fabric provided in appendix

| Pros	Cons
Resolves all limitations of current solution	Larger capacities have increased cost
Complete analytics platform – all data technology types unified in one platform	Adding new data sources will require updating architecture
SaaS-ified - minimal configuration and administration required	New technology – not all features released yet
Scalable storage and compute	
OneLake - a single SaaS data lake for the whole organisation	
AI Powered - Copilot accelerated, ChatGPT for your data	
Supports data science and real time data	
Can evolve into an ETL Option 2	

pomerol

ETL Option 2: Fabric Enterprise Data Warehouse

Build strategic enterprise data warehouse in Fabric

Proposal:

Fabric: hosts data warehouse and ETL processes

Built with medallion architecture to create strategic platform for support of future analytics/reporting use cases
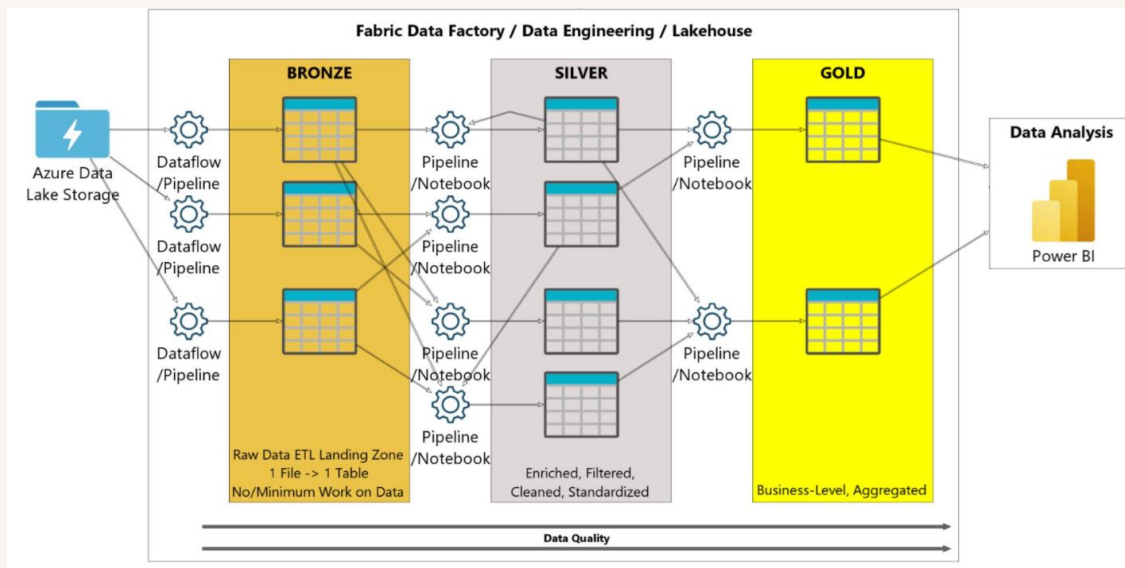
Pros	Cons
Resolves all limitations of current solution	Cost and effort to implement larger than other solutions
Future proof – medallion architecture simplifies integration of new data sources and additional data models	License cost will be higher as more compute power required, but will start low and ramp up
Single version of the truth – improve data quality by creating one central data store	
Data accessibility – single point of access, making it easier for users to view and analyse data	
Big data – can handle large datasets e.g. demographic data	

pomerol

Next Steps

Roadmap to Fabric Migration: Proof of Concept

Client to choose ETL option, or we develop a customized roadmap based on unique needs.

Aim

Prove new architecture can replace existing platform

Limit scope to a fixed timeline

Process

1. Pomerol and Client agree on scope

2. Data discovery session to:

- Identify all components, including databases, applications, and infrastructure,
- Evaluate the complexity, dependencies, and criticality of each component,
- Identify data sources, data flows, and data transformations,
- Review and assess the volume, structure, and quality of data.

3. Pomerol create and present statement of work with quote for POC project

4. Kick-off project

5. Upon successful completion of POC – plan and launch full migration

Optional: include Azure Architecture Review

pomerol

pomerol

We simplify data to help businesses grow.
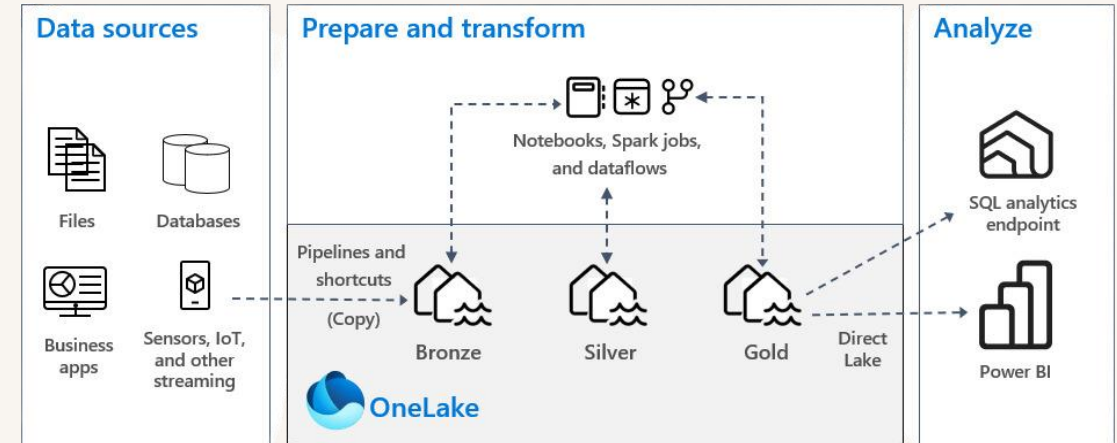
Case Studies

Fabric Customer Success Stories

Fabric Case Study – Healthcare

Migration to Fabric

This nonprofit healthcare organization was facing significant challenges with their existing analytics and reporting platform. The legacy system suffered from poor performance, limited scalability, and difficulty in making enhancements. The organization sought a more modern, flexible, and efficient solution to support their growing data needs.

Problem

The primary pain points identified were:

Performance Issues: Long data refresh times hindered timely insights.

Scalability Limitations: The existing data warehouse struggled to handle increasing data volumes and complexity.

Maintenance Challenges: Difficulty in modifying the data warehouse to accommodate evolving business requirements.

Data Quality Concerns: Unstable ETL processes and data quality issues impacted the reliability of reports.

Tableau Integration Issues: Some Tableau workbooks experienced performance problems due to the underlying data architecture.

Solution

Pomerol recommended Microsoft Fabric as a suitable solution to address these challenges. The pilot project focused on migrating a critical Tableau dashboard, "Unique Encounters and Unique Patients," to the new platform.

The key steps involved in the migration process were Data Ingestion, Data Transformation, Data Modeling, Tableau Integration, Performance Optimization.

Result

By migrating to Microsoft Fabric, this nonprofit healthcare company successfully addressed the limitations of their legacy analytics platform. The pilot project served as a proof of concept, showcasing the potential of Fabric to deliver significant benefits in terms of performance, scalability, and ease of use. The organization is now well-positioned to embark on a broader data modernization initiative, leveraging the power of Fabric to drive data-driven decision-making.

pomerol

Fabric Case Study – Manufacturing

Migration to Fabric

This large, privately owned firearms and ammunition manufacturing company leverages Infor M3 as its core Enterprise Resource Planning (ERP) system. To gain deeper insights from their business data, they sought to establish a robust data analytics platform. Microsoft Fabric was selected as the target platform to store and analyze data extracted from Infor M3.

Problem

The client aimed to:

Extract critical data from Infor M3.

Transform and **load** this data into a data warehouse.

Implement a best-practice data architecture within Microsoft Fabric.

Enable self-service analytics and reporting.

Solution

Pomerol Consulting was engaged to:

Assess the client's strategic data needs and recommend best practices for Microsoft Fabric configuration.

Implement a practical data architecture example using the Medallion architecture pattern

Result

The client leveraged an existing API to extract data from Infor M3. This data was then structured into a Medallion architecture within Microsoft Fabric. The Bronze layer stored raw data, the Silver layer cleaned and transformed data, and the Gold layer curated business-level tables. The Fabric environment was configured to ensure data quality, security, and accessibility, while CI/CD pipelines automated data processes.

pomerol

Fabric
The data platform for the era of AI

Appendix

Microsoft Fabric
The data platform for the era of AI

Complete Analytics Platform

Everything, unified

SaaS-ified

Secured and governed

Lake centric and open

OneLake

One Copy

Open at every tier

Empower Every Business User

Familiar and intuitive

Built into Microsoft 365

Insight to action

AI Powered

Copilot accelerated

ChatGPT on your data

AI driven insights

pomerol

OneLake for all Data

"The OneDrive for Data"

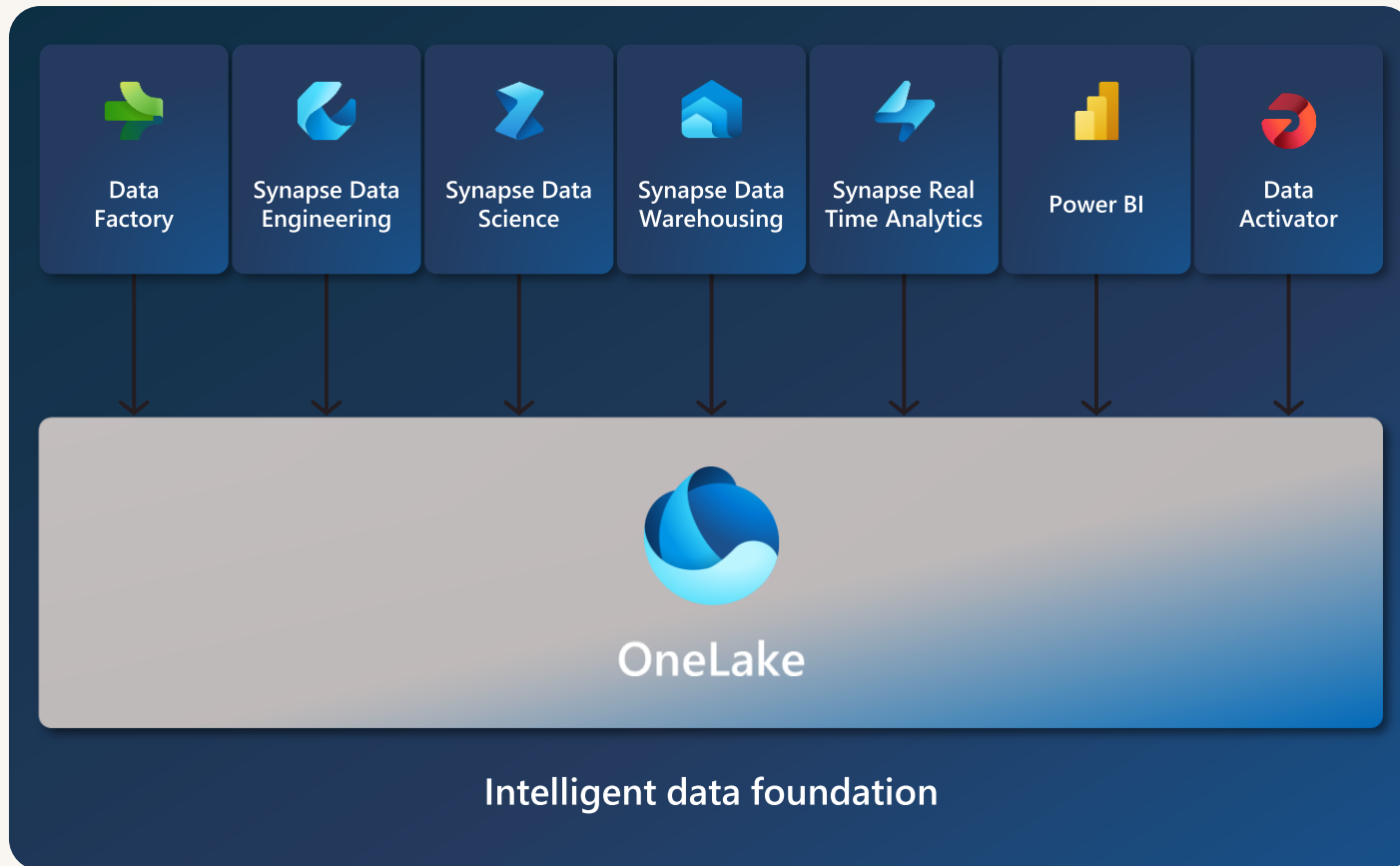|						
Data Factory	Synapse Data Engineering	Synapse Data Science	Synapse Data Warehousing	Synapse Real Time Analytics	Power BI	Data Activator

OneLake

Intelligent data foundation

A single SaaS lake for the whole organization

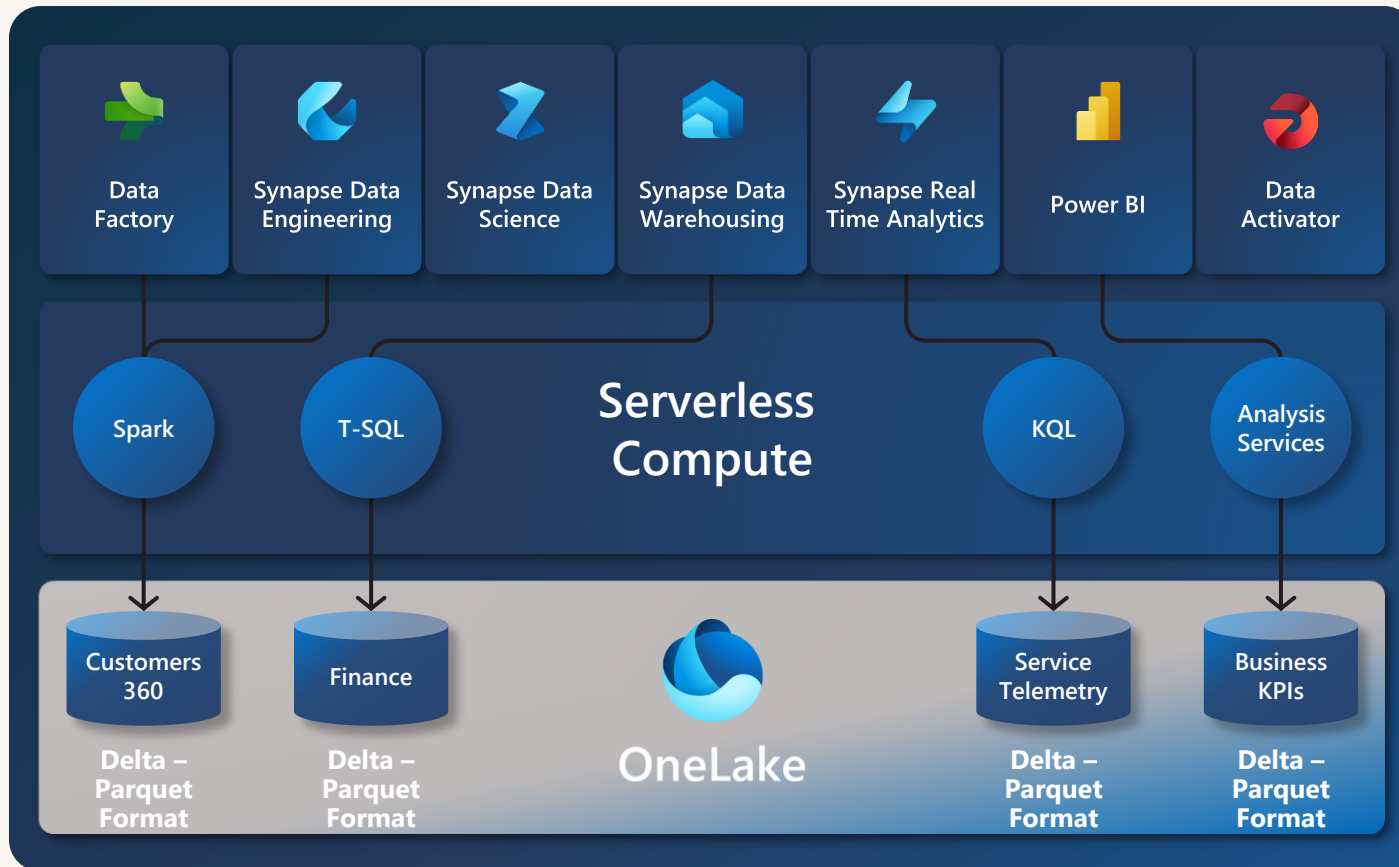Provisioned automatically with the tenant

All workloads automatically store their data in the OneLake workspace folders

All the data is organized in an intuitive hierarchical namespace

The data in OneLake is automatically indexed for discovery, MIP labels, lineage, PII scans, sharing, governance and compliance

pomerol

One Copy for all computes

Real separation of compute and storage

Data Factory	Synapse Data Engineering	Synapse Data Science	Synapse Data Warehousing	Synapse Real Time Analytics	Power BI	Data Activator

Serverless Compute

Spark   T-SQL   KQL   Analysis Services

Customers 360   Finance   **OneLake**   Service Telemetry   Business KPIs

Delta – Parquet Format   Delta – Parquet Format   Delta – Parquet Format   Delta – Parquet Format

All the compute engines store their data automatically in OneLake

The data is stored in a single common format

Delta – Parquet, an open standards format, is the storage format for all tabular data in Analytics vNext

Once data is stored in the lake, it is directly accessible by all the engines without needing any import/export

All the compute engines have been fully optimized to work with Delta Parquet as their native format

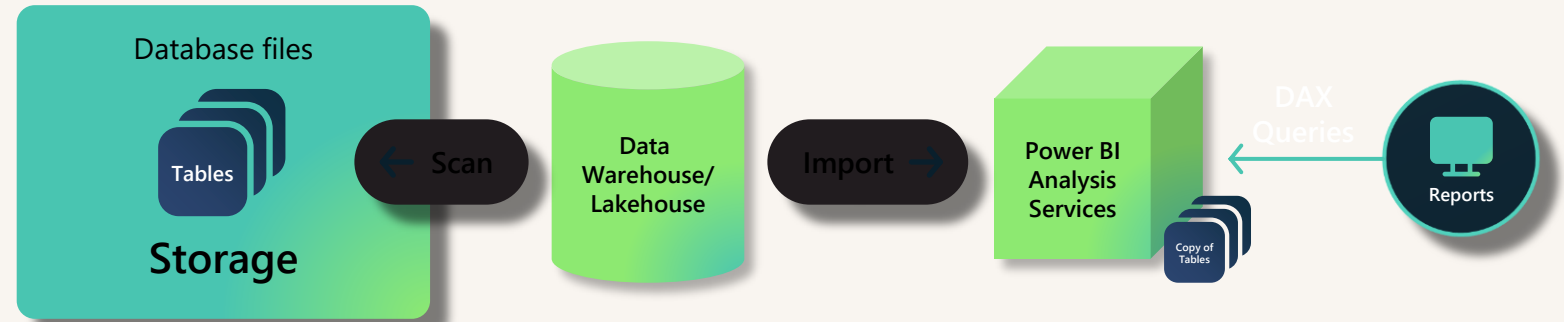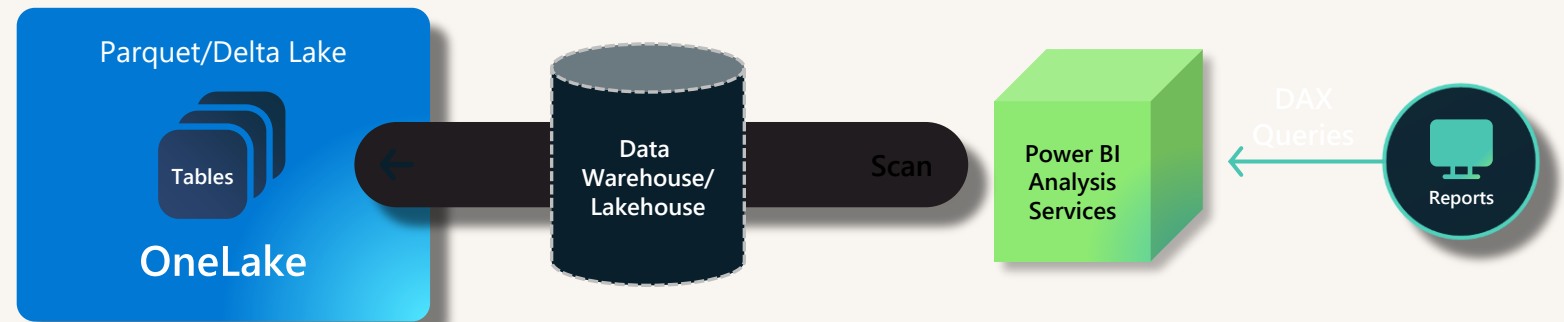Shared universal security model is enforced across all the engines
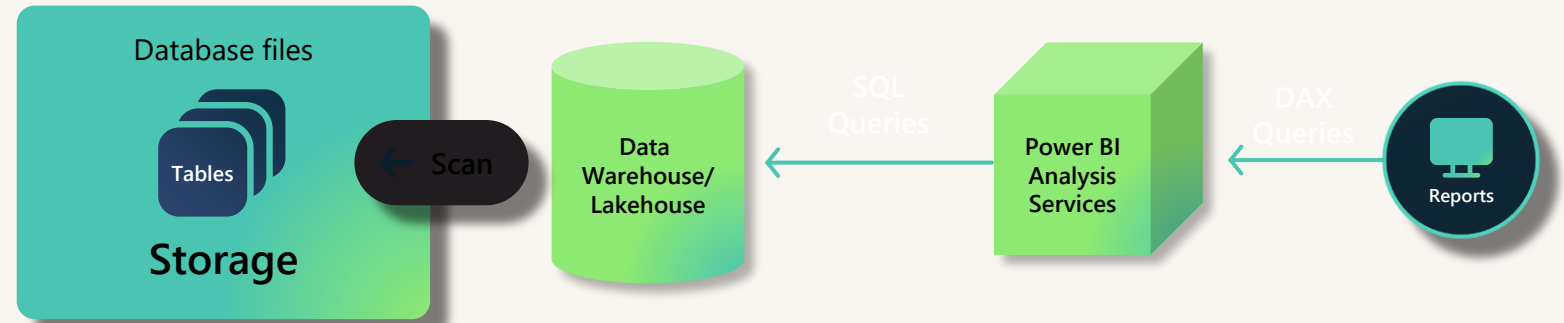
pomerol

Thank you

pomerol

We simplify data to help your business grow.