



Case Study

Orchestrating Data Excellence: Migrating a Massive Healthcare Ecosystem to Microsoft Fabric

Client Overview

A leading US healthcare network transitioned its expansive data estate from a complex Qlik Sense environment to Microsoft Fabric. The project involved migrating 2TB of data and 100+ pipelines, resulting in a 20% cost reduction and a unified platform for AI-driven clinical insights.

The Challenge?



System Overload

Managing 738 applications for 4,200+ users across multiple hospital sites.



Data Fragmentation

Critical data was siloed across EPIC Clarity, Vizient, NHSN, and various legacy Excel trackers.



Modernization Need

The client required a scalable SaaS platform to reduce migration complexity and enable advanced AI capabilities.

Solution Delivered



Comprehensive Gap Analysis

Defined a clear migration roadmap by auditing existing data layers and application dependencies.



Fabric Implementation

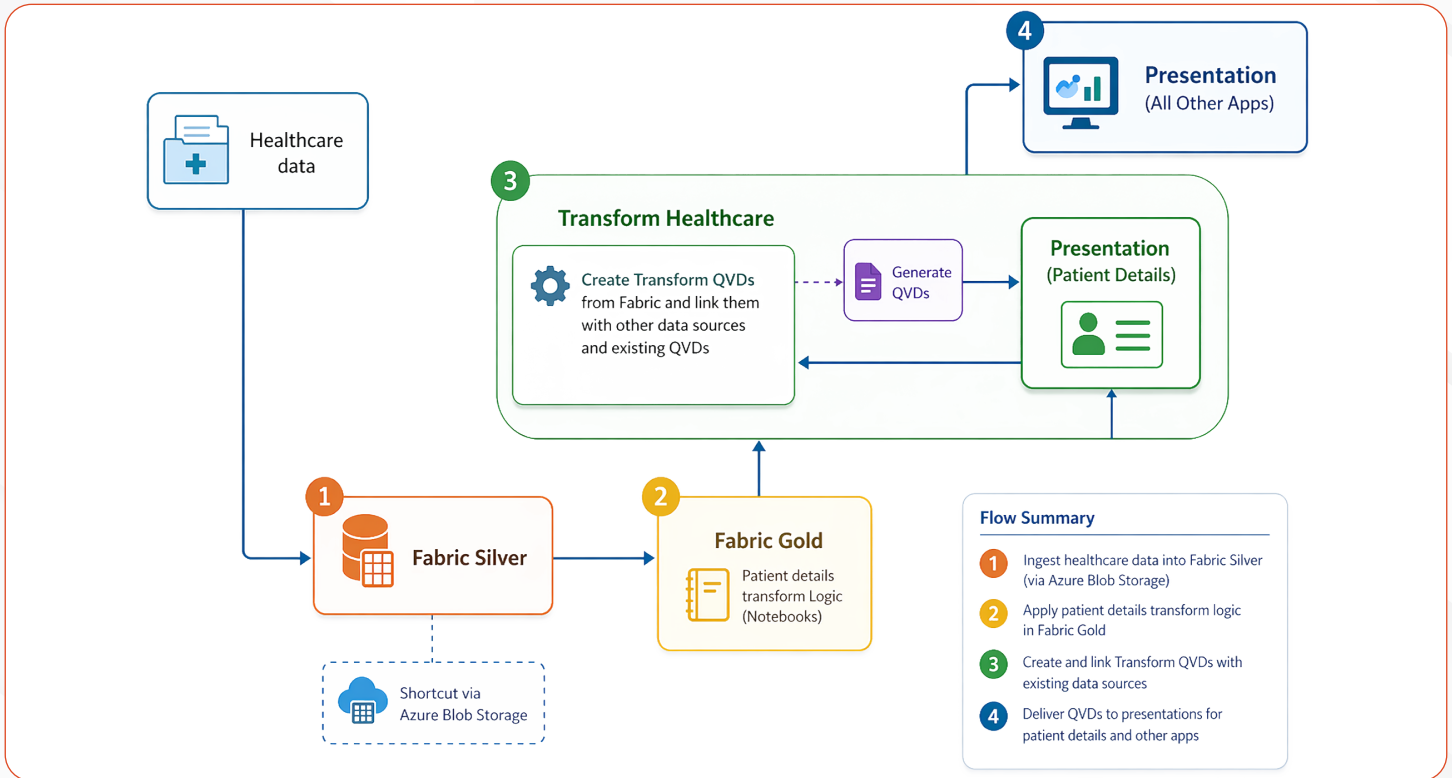
Transitioned extract and transform processes to Microsoft Fabric, ensuring a smooth migration with minimal disruption to clinical reporting.



Resource Upskilling

Deployed and trained a dedicated team of 20+ engineers to ensure long-term platform sustainability.

The Architecture



The Impact

Cost Efficiency

Achieved 20% lower operational costs compared to the previous Qlik environment.

Massive Data Consolidation

Successfully unified 2TB of customer and clinical data.

Streamlined Operations

Migration of 100+ pipelines into a central, structured architecture.

Future-Ready

Established a foundation for seamless AI integration to enhance patient care and decision-making.



Interested in a customized solution designed to meet your unique requirements and achieve comparable results?

At Exponentia.ai, we partner with businesses to address complex data challenges and build trust in enterprise data. Our approach helps organizations streamline data management, improve visibility, and empower teams with reliable insights for better decision-making.

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