



# HEALTHCARE PROVIDER DATA & ANALYTICS MODERNIZATION ON MICROSOFT FABRIC



Advisory + QuickStart Offer — 6 Weeks to Build a Domain-Driven Data & Analytics Foundation for Your Enterprise

Accelerate your data and analytics modernization on Microsoft Fabric — combining data engineering, AI/ML, SQL analytics, streaming, and HIPAA-aligned governance in a single SaaS solution.

Powered by Genzeon Agentic Data Intelligence Accelerator Suite (ADIAS): Our AI Agent-driven accelerator automates the full Bronze→Silver→Gold Medallion lifecycle — covering Ingestion, Quality, Transform, Observability, and Governance — cutting data engineering cycle times by up to 60%, with HIPAA-compliance and PII/PHI classification built in from Day 1.

## Why Choose Genzeon?

### Embedded Healthcare SMEs:

Deep expertise in EHR, FHIR/HL7, claims, billing, financial, operational & compliance data

### Provider-Centric:

Built around your functional areas covering both data engineering and analytics — Clinical, Operational, Financial and more

### Proven Delivery:

25+ production data platforms; 1,000+ legacy workloads migrated to cloud lakehouses

### Certified Talent:

100+ professionals certified across Fabric, Databricks & Snowflake — onshore, nearshore & offshore

### Proven ROI, Powered by ADIAS:

2x–3x ROI on data engineering and reporting costs — driven by our proprietary accelerator cutting cycle times by up to 60%

## Key Healthcare Challenges We Address

- Patient records, encounters, & lab results siloed across EHR platforms with no unified view
- Revenue cycle disconnected from operational workflows
- SDOH & payer data limits value-based care
- No governed EMPI, Master Data Unstandardized
- Legacy platforms lack IoT, geospatial & NLP support

## Investment & Timeline

**Investment:** \$45K – \$50K

**Duration:** 6 Weeks

**Phase 1:** Advisory (Week 1–2)

**Phase 2:** QuickStart (Week 3–6)

## Scope Clarity

### Included in the Offer

- Advisory, assessment & platform selection
- Medallion Lakehouse on OneLake
- Ingestion of 1–2 data files with 2–3 BI dashboards & insights
- Microsoft Purview governance, data quality & knowledge transition
- Scale-out roadmap for enterprise modernization

### Not Included

- Production deployment
- Data Engineering across all source systems
- AI/ML use case build
- Infrastructure / Landing zone setup

# 6-Week Delivery Plan

From assessment to working analytics foundation — delivered in six weeks.



## PHASE 1 — ADVISORY | Assessment & Platform Selection

- Assess data capabilities, analytics maturity & prioritize target domains and use cases
- Recommend Microsoft Fabric architecture & confirm Microsoft Purview governance design aligned to client objectives
- Define migration KPIs, governance controls & map data lineage from source systems
- Deliverable: Platform selection report, prioritized domain roadmap & QuickStart scope document



## PHASE 2 — QUICKSTART | Build & Validate

- Configure Microsoft Fabric workspace; deploy Medallion Lakehouse on OneLake with Data Factory & Dataflow Gen2 pipelines
- ADIAS agents automate ingestion, quality rules & Bronze→Silver→Gold transformation; Purview registers all assets with PHI/PII tagging
- Build 2-3 domain dashboards via Fabric SQL Analytics Endpoint + Power BI (e.g., OR Utilization, Denial Rate by Payer, Readmissions)
- Execute data reconciliation, integration testing & stakeholder validation



## PHASE 2 — QUICKSTART | UAT, Demo & Roadmap

- Support UAT & demonstrate domain insights to clinical, operational & financial stakeholders
- Deliver knowledge transition, governance documentation & enterprise scale-out roadmap

## Provider Analytics Capabilities Enabled

### Clinical & Acute Care Insights

OR utilization & throughput, ED length of stay, 30/60/90-day readmission patterns, bed occupancy trends, sepsis & rapid response triggers — real time via Fabric SQL & Power BI for clinical leaders.

### Revenue Cycle & Health Info Management

Clean claim rate, denial rate by payer & service line, days in AR, coding accuracy, DNFB tracking & CDI query response — unified across front, middle & back RCM.

### Patient Access & Provider Enterprise

Scheduling lead time, no-show patterns, referral-to-appointment conversion, provider credentialing cycle time, referral leakage & provider productivity (wRVU) trends.

### Financial, HR & Workforce Analytics

Budget vs. actual variance, service line contribution margin, payer mix revenue impact, employee turnover by department & tenure, overtime & agency labor utilization.

## Core Data Domains We Modernize

### Clinical & Patient

- EHR Clinical Data Migration
- Clinical Notes Ingestion Pipeline
- Patient & Scheduling Data
- Quality Measure Data Integration
- 340B Drug Program Data Pipeline

### Revenue Cycle

- Claims Data Migration to Lakehouse
- Denial & Remit Data Pipelines
- RCM Data Consolidation
- Registration Data Unification
- Pre-Registration Data Pipelines

### Financial & Operational

- GL & Reconciliation Data Migration
- AP Data Pipelines
- Financial Data Consolidation
- Provider Master Data Migration
- Credentialing Data Consolidation

### HR & Workforce

- HR Data Consolidation
- Payroll & Benefits Data Pipelines
- Workforce Analytics Integration
- Staff Scheduling Data Migration
- Talent & Retention Data Pipelines

## Client Success Story

### Health System Modernizes Provider Data Estate to Deliver Domain-Driven Analytics

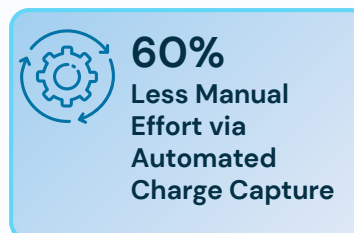
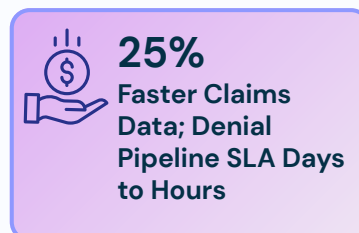
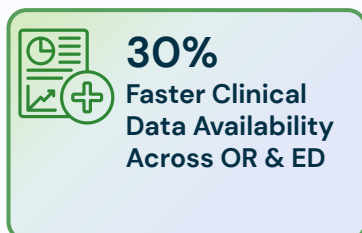
#### The Challenge:

A multi-facility health system had fragmented data across EHR, billing, lab & scheduling platforms. Clinical & financial insights were siloed — no unified view of readmissions, OR utilization, or denial root causes. Heavy IT dependency slowed reporting and HIPAA compliance posed ongoing risk.

#### Our Solution:

Genzeon conducted an advisory assessment and deployed Microsoft Fabric with Medallion Lakehouse architecture on OneLake. ADIAS agents automated ingestion from clinical and financial / operational systems through Bronze→Silver→Gold with desired governance, delivering Power BI dashboards for insights in the clinical and operational areas. This was followed by a full-scale modernization effort across the enterprise.

#### Measurable Business Impact:



**Chandra Lakshminarayan**  
SVP, Data, Analytics & AI

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## Ready to Accelerate Your Provider Data & Analytics Modernization?

Schedule a consultation to discover how Genzeon can unlock domain-driven data and analytics capabilities for your clinical, operational & financial leaders — starting with the domains that matter most.