

Modernization of Clinical Data Management on Azure, Unleashing Efficiency

Key Challenges



- **Drowning in Data:** Managing 600 TB of clinical data on-premise was a logistical nightmare.
- **Daily Data Deluge:** Handling 300+ GB of daily data ingestion crippled efficiency.
- **Fragmented Workflows:** Manual data processing slowed down insights and decision-making.

Business Solution



- **Streamlined Migration:** We orchestrated a seamless 4-phase migration of 600 TB and 28,000 tables to Azure.
- **Scalable Data Lake:** We designed a secure, cost-optimized data lake using ADLS for structured and unstructured data.
- **Automated Workflows:** We re-engineered 60+ data pipelines using ADF and Databricks for automated data acquisition and processing.

Business Impact



50% Faster Processing

77% Cost Savings

Frictionless Integration

Future-proof Architecture

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