

Modern Data Warehousing & Cloud Migration Strategy

5+ | Years of relationship

Business Problems

Client was facing issues with the cloud strategy to go forward with in order to manage and adopt to modern data architecture

Client was looking for a strategy on **Build Vs Buy, technology assessment, scalability, security**, etc.

Lack to alignment to speed and priorities of business with requirement for data on-demand, modern data principles on Cloud

Complex landscape with multiple systems and tools suffers from high technical debt

CitiusTech Solution(s) & Value Delivered

- ▶ Assessment across **Platform, Usage Sustenance and People** to understand the current state architecture, data flow, use cases and governance process
- ▶ **Layout current maturity, evaluated Cloud Platforms and decision criteria** based on technology alignment, infrastructure, implementation and maintenance cost and current people and technology investment
- ▶ Proposed **GCP platform based modern data architecture** (To Be State) with a roadmap plan
- ▶ Built **modern architecture on GCP** to validate proposed design, architecture on GCP
- ▶ Setup **data pipeline with integration to different clinical systems** (Eg: EPIC) and validate data ingestion, curation design
- ▶ Perform **reporting using Tableau** to provide required reports or data on-demand service



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Months reduction in development and QA timeline

1/4th

Time reduced by using ELT design and MPP capabilities of Netezza

15%

Reduce timelines using CT framework & DQ accelerator