Modern Data Engineering

Make Data the Backbone of your Organizational Strategy

Healthcare organizations looking to use data and analytics to drive operational efficiencies, lower costs and increase profitability face several challenges – a highly fragmented data ecosystem, stringent privacy regulations, data access, quality, and governance.
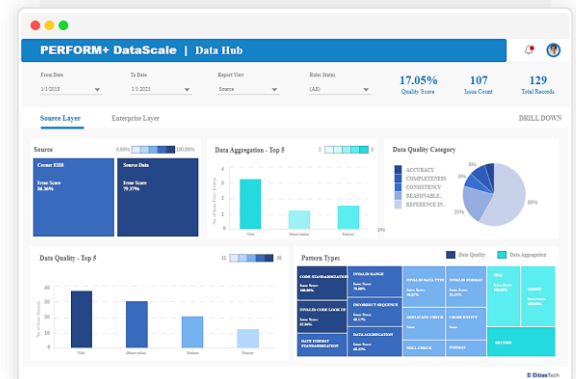
CitiusTech's modern data engineering solutions bring together best-in-class data architectures and a deep understanding of healthcare data, workflows, and standards to deliver timely information and insights to the healthcare enterprise.

- **Modern Data Strategy:** Data transformation, enrichment, enhancement, and optimization

- **Architecture, Development and Governance:** Large-scale healthcare EDW implementations

- **Data Interoperability:** Strong expertise and accelerators across major healthcare data types, formats, and standards

- **Proprietary Enterprise Data Framework:** For accelerated implementation and adoption of best-practices

- **Healthcare Big Data Expertise:** Acquisition, modeling, data lake, MDM, security, governance, and data quality

PERFORM+ DataScale

Healthcare Data Integration and Management

A highly modular, extensible and scalable platform that enables custom data management strategies.

Powering the Future of Healthcare ▶

Architect and Deliver a Robust, Long-term Data Strategy

Data Modernization using PERFORM+ DataScale

- Enterprise information management strategies
- Assessment of existing EDW + specialized EDW managed services
- FHIR enablement and development of compatibility layers

Cloud-based EDW and Data Lake Development

- Data lakes with centralized Big Data storage
- Data governance across ODS, DWH and data mart + data lake for enterprise data architecture
- Data security, accessibility, scalability + real-time data processing pipeline for streaming analytics

Data Quality, Mapping, and De-identification

- BIDW data acquisition, data modeling, and reporting
- Industry models - FHIR, UDMH, OMOP - healthcare reference architectures
- Data quality, security, and master data management

Customer Value

- Create a **single source of truth**
- Deliver proactive and targeted healthcare interventions
- Accelerate and **enhance personalized care and precision medicine** initiatives
- Greater **regulatory compliance** i.e., data integrity for HIPAA
- **Drive performance and quality reporting** for value-based care programs
- **Reduce operational overheads** and data redundancies

About CitiusTech

With 6,500+ healthcare technology professionals worldwide, CitiusTech helps leading healthcare and life sciences organizations reinvent themselves by accelerating digital innovation, leveraging next-gen technologies, and driving data convergence across the healthcare ecosystem. We provide strategic consulting, digital engineering, data, analytics & AI, specialized platforms and end-to-end solutions to over 130 organizations across the payer, provider, medtech and life sciences industries. Our key focus areas include healthcare interoperability data management, quality performance analytics, value-based care, omni channel member experience, connected health, virtual care delivery, real-world data solutions, clinical development, personalized medicine and population health management.

Our cutting-edge technology expertise, deep healthcare domain expertise and a strong focus on digital transformation enables healthcare and life sciences organizations to deliver better outcomes, accelerate growth, drive efficiencies, and ultimately make a meaningful impact to patients.

Princeton | Rochester | Philadelphia | Pittsburgh | Clarksville | Dallas | Boston | Bellevue | Mumbai | Airoli | Bengaluru | Hyderabad | Pune | Gurugram | Chennai | Ontario | Vancouver | London | Dubai | Singapore

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