

Healthcare Analytics and AI Solutions



Analytics & AI that is focused on outcomes, experiences and value

Healthcare organizations face multiple barriers to harnessing and maximizing the value of data and analytics:

- Technical debt from legacy architectures
- Fragmented analytics and inconsistent capability levels
- Disparate sources, data governance and quality issues
- Exponential rise in data volume, variety and velocity
- Aligning data needs with care and business priorities timelines

CitiusTech helps healthcare clients overcome these challenges. Our Analytics & AI team have solutions, experience and proven success in creating healthcare workflows, data models and use cases that realize efficiencies and timely business decisions.

Key Analytics & AI offerings:

- **Business Intelligence** - Visualization Expertise, Report Rationalization and Healthcare Business Intelligence capabilities
- **AI/ML Development** - Embedded Intelligence, Model Development and Information Extraction
- **AI/ML Engineering** - Deployment and Operationalization, Model Integration and Model Management

Key Offerings

New care models, VBC & digital transformation

- ▶ STAR Rating Improvement and Forecasting
- ▶ Care Gap Identification & Closure
- ▶ Disease Risk Prediction

Consumer & Employee Centricity

- ▶ Voice of Customer, NPS & CSAT Analytics
- ▶ Retention & Churn Analytics

Cost and Efficiency Pressures

- ▶ Payment Integrity
- ▶ Risk Adjustment

IoMT & Remote Care

- ▶ Remote Patient Monitoring & Telehealth

Intelligent Products

- ▶ Smart Search
- ▶ SAMD, Digital Therapeutics

Specialty Pharma and Rare Disease

- ▶ Patient Identification



Healthcare Analytics

- Value-based Care
- Quality Analytics
- Consumer Analytics
- Price Transparency
- Conversational Analytics
- Self-service BI and Embedded Analytics

120+

Healthcare Data Visualization Experts



Intelligent Products

- Application Modernization
- Native AI and Analytics-driven Digital Products
- AI as a Service
- SaMD and Digital Therapeutics

75+

Healthcare Data Scientists



Intelligent Processes

- Payer and Provider Core Process Transformation
- Intelligent Workflows
- Clinical and Operational Decision Systems
- Real-time Analytics

30+

Cloud & On-Prem Certified AI Engineers



AI Engineering and ML Ops

- AI Engineering Stack Build
- Model Validation
- Model Deployment
- Model Monitoring
- ML Ops

45+

Certified NLP Engineers



Information Extraction

- Intelligent Search
- Natural Language Processing
- Entity Extraction and NLU
- Image Analytics
- OCR & Document Extraction
- Data De-Identification

10+

Advisory Panel of Statistical and Healthcare SMEs

CitiusTech: AI & Analytics Capabilities

About CitiusTech

With 8,000+ 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 | Mumbai | Airoli | Bengaluru | Hyderabad | Pune | Gurugram | Chennai | Ontario | Vancouver | London | Dubai | Singapore