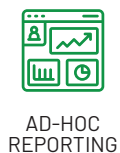


# Population Health Management Powered by AI and Analytics



## KEY FEATURES



## ADVANTAGES

- > Drive Workforce Efficiency
- > Improve Quality of Care & Patient Experience
- > Simplify Revenue Cycle Management
- > Reduce Readmissions via Timely Interventions
- > Integrate with Third Party Health Systems
- > Reduce Cost of Care & Boost Profitability
- > Bridge Care Gaps with Automated State Machine
- > Automate Manual Tasks & Workflows using RPA
- > Generate, Store, & Share Reports On-the-Fly
- > Deploy & Use Product Quickly & Effortlessly
- > Leverage High Performance at Lower Costs

DataInsights, CITI's AI-driven practice, harnesses the expertise of healthcare specialists, innovative technologists, and state-of-the-art tools to enhance operational efficiency, close care gaps, elevate care quality, and reduce healthcare costs.

## TRANSFORMING CARE QUALITY AND EXPERIENCE

DataInsights unlocks the potential to efficiently manage population health by aggregating data from various systems such as electronic health records, medical imaging, payers, post-acute care, chronic care, claims, wearable devices, third-party systems, and many more data sources - to enable risk identification, proactive decision-making, orchestrate outreach programs, and maximize interventions through a single unified interface.

Built on a foundation of clinical and technical expertise DataInsights' AI enabled data visualization and reporting tools can help you access real-time intelligence, monitor trends, patterns, and metrics, reduce costs, optimize ROI, elevate workforce efficiencies, maintain regulatory compliance, and help your organization transition towards value-based care.

## From micro-level insights to micro-level strategies

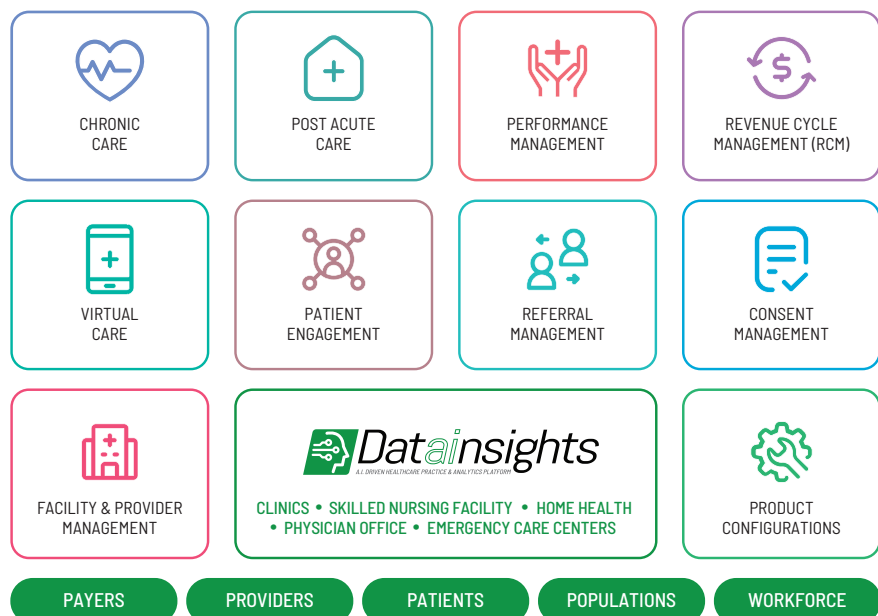


Figure 1: DataInsights can leverage your existing data exchange standards to ensure compatibility with your internal and external data exchange ecosystems.

## KEY PRECISION METRICS FOR ELEVATED PERFORMANCE

### CLINICAL

- > Performance Management and Gaps In Care
- > Patient Cohorts (Chronic & Post Acute Care)
- > Patient Risk Management
- > Outreach Management
- > Medicine Management
- > Infection Controls

### OPERATIONAL

- > Hospital Resource Utilization
- > Scheduling & Referral Management
- > Leakage Prevention
- > Appointments Management
- > Average Wait-Time by Department
- > KPI Measurement of Providers

### FINANCIAL

- > Cost of Patient Care
- > Claim Analytics
- > Cost Outliers
- > Revenue Cycle Management (RCM)
- > Cost Analysis by CPT & Providers over Time
- > Predictive Penalties & Rewards

## AI / ML & RPA CAPABILITIES

Datainsights' AI / ML and RPA capabilities can help you identify care gaps, mitigate risk, create personalized care plans, optimize resource allocation, maximize interventions, support population health planning, monitor health trends for disease prevention, and resolve health disparities within populations. Some of the key capabilities include:

- > IVR & Chatbots
- > Automated Eligibility Verification
- > Predictive Analytics
- > Robotic Process Automation (RPA)
- > Facial Recognition
- > Sentiment Analysis
- > Document Summarization
- > Multilingual Speech Services
- > Image Analytics
- > Speech to Text Services
- > NLP & NER Services

## FLEXIBLE DATALOGIC ENGINE TO OPTIMIZE PERFORMANCE AND EFFICIENCY

Datainsights' DataLogic engine simplifies the management of high-risk patients by allowing care teams to easily configure and execute rules for personalized patient engagement. This includes sending appointment reminders, medication alerts, preventive care information, and satisfaction surveys, as well as acquiring necessary patient details and consents. The system ensures efficient outreach to both patients and providers, enhancing care and communication throughout the patient journey.

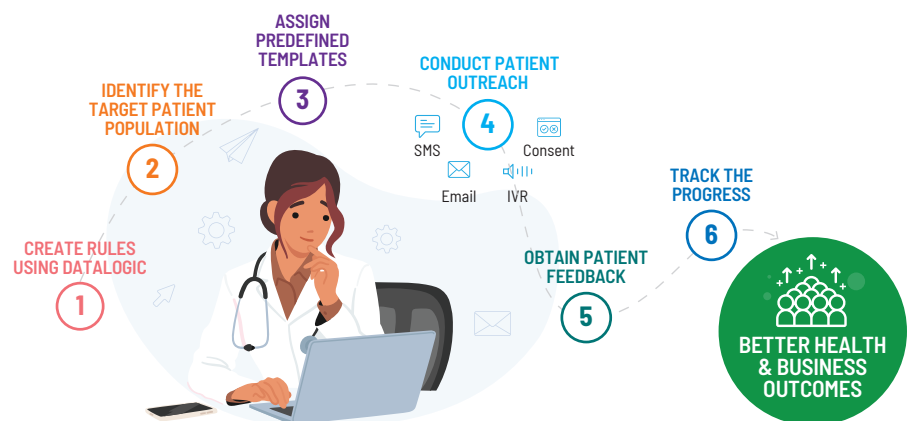


Figure 2: Create rules and execute outreach campaigns efficiently to boost patient engagement

## Accelerate your journey towards value-based care

Call us today at (703) 483-4300 for a free demo and consultation by our experts.



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**ABOUT CITI:** Established in 1996 and headquartered in Falls Church, VA, CITI has offices located in the United States, Europe, South Asia, and Canada. CITI is a diverse organization filled with certified and talented IT and business professionals. We are certified in ISO 9001:2015, ISO 20000-1:2011, ISO 27001:2013, CMMI DEV Level 3 for Services, and CMMI DEV Level 5 for Development. As a Microsoft Gold Partner, we specialize in the creative use of agile methods and emerging technologies to deliver a wide array of IT solutions, products, and services. We have successfully architected, designed, developed, and implemented cutting-edge solutions for federal, state, and local agencies, as well as countless commercial customers in the U.S. and other parts of the world – positioning ourselves as a thought leader in Healthcare IT.