

Data Analytics Capabilities

Turning Complex Healthcare Data into Actionable Intelligence

At HealthAsyst, we help practices, hospitals and health systems unlock the true potential of their data.

With over 25 years of healthtech domain experience, we offer analytics services that enable smarter decisions, better outcomes, and stronger alignment with value-based care mandates.



Our capabilities and experience

Enabling Predictive Risk Stratification for Value-Based Care for an U.S.-based Analytics Company

In value-based care models, financial success depends on identifying at-risk patients before their conditions escalate and intervening early to avoid costly care episodes.

Our analytics services help healthcare organizations transition from reactive treatment to proactive population health management by:



Forecasting future health risks and care costs based on multi-dimensional data



Stratifying patients by their projected risk trajectory



Enabling care teams to prioritize high-impact interventions

Use Case: Built regression-based models to predict diabetes risk and costs using two years of patient data (demographic, clinical, pharmacy). Enabled earlier care team intervention, reducing ED visits, admissions, and readmissions.

Client: U.S.-based healthcare analytics firm focused on improving outcomes and reducing costs.

Building a Data Analytics-based Solution for Population Health Management & Quality Reporting



Population Health Insights

We built a data analytics solution that enables provider organizations to capture and analyze patient-reported outcomes across assessments such as PHQ-9, Annual Wellness Visits, SDOH screenings, and more.

Highlights:



Stratified insights by age, gender, race, ethnicity, and other factors



Monitoring of patient responses and scores to identify high-risk groups and cases of medical intervention



Trend analysis across providers and locations



Screening completion tracking at patient and cohort levels



Analyze clinical assessments used in behavioral health, pediatrics, orthopedics, and more (For example: PHQ-9, GAD-7, ASQ®-3, HOOS, KOOS, and more)



Well-Child Visit Tracking

Well-child visit tracking promotes timely pediatric care and early identification of developmental delays. It also drives revenue through improved reimbursement rates and performance-based incentives from payers.

Our solution helps pediatric practices close care gaps and maximize financial returns by aligning with AAP and HEDIS guidelines.

Highlights:



Schedule-aware reporting to help practices monitor visit completion patterns based on The American Academy of Pediatrics' (AAP's) periodicity guidelines from infancy through adolescence to identify gaps in care



Screening insights to enable analysis of results from age-based developmental screeners (e.g., ASQ, M-CHAT) captured through patient engagement systems



Visit-status visibility to categorize well-child visits as **upcoming**, **eligible**, **missed**, or **completed** to enable targeted interventions



Revenue and incentive optimization through improved compliance with HEDIS metrics (W15, W34, AWC). This helps practices qualify for performance-based incentives and reimbursements from Medicaid, NCQA, and commercial payers



Regulatory-Aligned Performance Reporting

The solution enables leadership to monitor compliance and optimize performance across sites.



Month-over-month tracking of MIPS, PROMs, SDOH, and Value-Based Care metrics



Predictive trend analysis to flag performance risks

Use Case: We built a unified analytics solution that enabled provider organizations to track patient-reported outcomes, monitor well-child visit adherence, and manage performance across regulatory programs.

Client: HealthTech company specializing in providing software solutions and services to the U.S. healthcare industry.

About Us

HealthAsyst empowers U.S. healthcare organisations to tackle complex challenges through Product Engineering, Digital Transformation, and Consulting services. With 25+ years of domain expertise, regulatory knowledge, and engineering excellence, we partner with providers, hospitals, health systems, ISVs, and intermediaries to develop impactful solutions. We take complete ownership of customers' tech challenges so they can focus on what matters most: patient care.

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