Unlock the potential of healthcare data with AI and analytics

Clinical and operational analytics

Healthcare organizations produce immense volumes of data, but much of it remains untapped. By taking advantage of AI and analytics, organizations can overcome challenges like siloed data, improve outcome predictions, and drive more efficient, equitable healthcare solutions.

97%

of hospital data goes unused, with over 50 petabytes of siloed data produced annually[1]

Improve health equity with data-driven decisions

Create insights to accelerate care decisions, predict and manage risk, and help drive better health outcomes with operational and clinical data at your fingertips. We can help you harness the power of AI to turn siloed data into actionable insights for better outcomes and cost optimization.

Unlock value from clinical and operational data

Enhance digital analytics

Use modern AI apps to drive superior clinical and operational insights, including predictive analytics for patient care, resource allocation, and smart reporting.

Streamline operations

Integrate operational and financial data to improve efficiency, reduce costs, and optimize performance.

Enable predictive care

Centralize data with AI/machine learning to share actionable insights, improve care management, and reduce care variation.
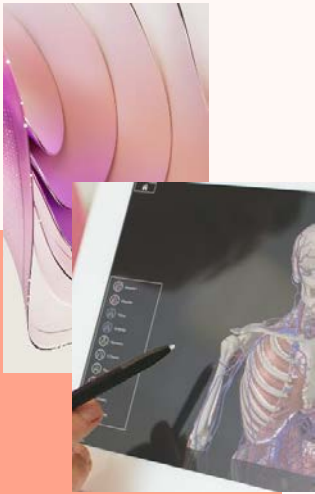
Lower costs

Automate tasks, prevent downtime, and use predictive maintenance to manage resources efficiently.

Increase revenue

Centralize data to identify new markets, optimize pricing, and support sustainability initiatives.

Paige.AI stores petabytes of data on Microsoft Azure to help pathologists and thousands of patients with quicker cancer diagnoses

Paige.AI, Inc., a leading provider of digital pathology tools, collaborated with Microsoft to migrate a substantial amount of image data from cancer screenings to Microsoft Azure and create AI-driven tools to enhance cancer detection.

Released FullFocus through Azure, a cloud-based image viewer that enables pathologists to analyze large images, digitally speeding up diagnoses for thousands of patients.

Developed Paige Prostate Detect, the first FDA-approved AI application in pathology that assists in detecting cancer missed by the human eye.

Facilitated digital image sharing between local pathologists and experts worldwide.

Modernized AI apps create superior clinical and operational analytics with Microsoft Fabric and Azure Databricks. Work in partnership with Connection to uncover greater abilities to improve your clinical and operational analytics.

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1. Lung Cancer Trends Brief | American Lung Association