



Agentic AI in Healthcare: Beyond Automation to Intelligence

Agentic AI marks a major advance over traditional AI in healthcare. Unlike conventional systems that follow fixed protocols, Agentic AI adapts autonomously, making decisions based on context and experience.

Breaking Down Agentic AI Methodology



What does Agentic AI mean for Healthcare?

- Decision Support** Providing real-time, data-driven treatment recommendations.
- Data Collection** Integrating data from health records and wearables for a complete patient view.
- Analysis** Detecting patterns and anomalies for early intervention and better outcomes.

Healthcare Pain Point Where Agentic AI Steps in

By 2025, around **180 zettabytes** of data will be generated globally, with **healthcare data** contributing more than one-third.

Only **3%** of healthcare data is utilized due to **outdated systems** incapable of processing large-scale, multimodal data.

Applications of Agentic AI in Healthcare

Claims Processing

- Reviews documentation to streamline insurance claims.
- Identifies discrepancies and flags issues for human review.

Role of the agent

Tracks claims, verifies eligibility via APIs and uses real-time data to streamline workflows and speed up approvals.

Care Coordination

- Combines data from EHRs, care platforms, and scheduling systems.
- Identifies high-risk patients for timely intervention.
- Enhances care team coordination, reducing readmission

Role of the agent

Gather and consolidate data from multiple sources, automating coordination for efficient communication

Data Reconciliation

- Cross reference claims, records, financial transactions to ensure accurate payment
- Identify & resolve payment inconsistencies swiftly

Role of the agent

Integrates with financial and claims systems to identify and resolve payment inconsistencies swiftly.

Prior Authorization

- Assesses resource usage, eligibility, and documentation
- Enhances visibility for providers and payers.
- Handles prior authorizations independently.

Role of the agent

Retrieves patient and billing data, verifies eligibility, and executes the approval workflow autonomously

EHR Management

- Integrates data from multiple sources
- Automates routine tasks like chart updates and follow-ups.
- Organizes patient information

Role of the agent

Consolidates patient data, flags inconsistencies, and keeps records updated

Personalized Patient Care

- Analyzes medical history, genetics, lifestyle, and treatments
- Predicts potential risks and recommends preventive measures.
- Organizes patient information

Role of the agent

Analyzes patient data to recommend personalized care plans, track progress, and adapt care

CareFlo AutomationEdge AI Cloud for Healthcare



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