



TIP SHEET

Healthcare AI Use Cases

This guide details AI applications designed to elevate healthcare operations, simplify workflows and enhance patient outcomes. By adopting a collaborative approach and tailoring our solutions to the unique needs of your organization, we ensure seamless integration with your current systems. Our goal is to help your enterprise not only adopt these technologies but also maximize the potential for impact.

1 **Prior Authorization with Custom Copilot**

Streamline the prior authorization process to save time and effort for healthcare providers.

Enhance Provider Capacity: Expand your team's ability to handle more patients without compromising on the quality of care.

Streamline Processes: Reduce repetitive tasks, allowing your staff to focus on patient care rather than paperwork.

Support Consistent Treatment: Encourage adherence to prescribed treatments through systematic follow-ups and checks.

2 **Policy Chatbot for Payors**

Provide instant support for policy-related inquiries, making information accessible at the fingertips of users and staff.

Immediate Responses: Deliver quick answers to user questions about coverage and scenarios, improving user satisfaction.

Handle Complex Queries: Equip your team to address intricate policy questions without escalating to higher levels.

Efficiency in Operations: Cut down on the need for extensive employee training and reduce working hours spent on customer queries.

Access to Information: Simplify the retrieval of detailed policy information, enhancing transparency and trust.

3

Personalized Treatment Plan Assistant

Use AI to promote clear and consistent communication among healthcare providers involved in a patient’s care.

Automated Workflows: Integrate AI to manage routine communications and updates, ensuring all providers stay informed.

Boost Patient Involvement: Enhance interactions with patients, keeping them informed and engaged in their treatment plans

Ensure Treatment Consistency: Standardize treatment approaches across various providers to maintain a high level of care.

Expand Provider Availability: Increase your team’s capacity to take on more patients effectively.

4

Clinical Study Summarizer

Assist research teams by summarizing and collating data from various clinical studies quickly and efficiently.

Faster Decisions: Enable quicker determination of next steps in research and treatment development with summarized insights

Improve Research Quality: Gain a broader perspective and higher quality of information from existing clinical studies.

Enhanced Study Relevance: Quickly identify and focus on studies most relevant to ongoing research needs.

Implementing AI in Healthcare

When introducing AI into your healthcare operations, it’s vital to take a collaborative approach. Engage with various stakeholders, including IT, clinical staff and administration, to ensure the solutions meet everyone’s needs and integrate well with current practices. Iterate on feedback and continuously improve the solutions to keep up with changes in clinical practices and patient expectations.

With these AI applications, your healthcare organization can improve efficiency, patient care and operational insight – moving towards a more integrated and responsive healthcare system.

Your project may be eligible for Microsoft funding.

Why 3Cloud

3Cloud is the premier pure-play Azure partner in the ecosystem with unparalleled expertise in all things Azure. We specialize in delivering top-tier Azure infrastructure, cutting-edge artificial intelligence (AI), robust data & analytics and ground-breaking application development. Leveraging our extensive experience, advanced tools and customized accelerators – we can ensure the quickest time to value for all of your Azure-based projects.

