

# GenAI Serving Healthcare Providers

DataArt provides GenAI solutions capable of streamlining operations in practices and hospitals, improving the quality of care, and freeing doctors' time. Our expertise, accelerators, ready-to-use PoCs, and architecture blueprints significantly reduce time to market and help us provide value to our customers in a record timeline.

## Explore the GenAI Use Cases for Healthcare Providers

### ✓ Medical Report Generator

Medical specialists often encounter unorganized data, such as patient complaints and interviews, which need to be meticulously processed and converted into structured formats by GenAI solutions.

### ✓ Patient Visit Assistant

A digital assistant will prepare both the patient and the doctor for the visit. Doctors can see the necessary information about their patients in a well-structured way, and patients can get the instructions required for their upcoming visits and assistance with time-sensitive health screenings.

### ✓ Predictive Analytics

GenAI can analyze patient data to help healthcare providers identify patients at risk of developing certain conditions and intervene early to prevent or manage those conditions.

### ✓ Virtual Health Assistant

A human-like chatbot that could be programmed to do one or more of the following: support visit and treatment-related questions; help with scheduling, reminders, and information for upcoming medical procedures; address common health-related questions, thus saving the doctors time and provide the patient with immediate guidance on their treatment journey.

### ✓ Treatment Assistant

GenAI collects patient data throughout hospitals and clinics and compiles recommendations about the best treatment options based on internal and external sources.

### ✓ MRI and CT Scan Images

GenAI can improve the quality of existing MRI and CT scan images to help doctors with imagery analysis for more accurate diagnoses.

## Fast Decisions Allow Fast Implementation

### Our Approach and Roadmap

From brainstorming sessions to implementation strategies, we'll ensure you make the most of this powerful AI tool.



## Why DataArt?



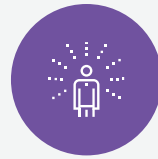
We've been on the market for 26 years, with a presence in 30+ locations and operate on US, UK, European markets



Life Sciences domain knowledge and expertise, including compliance and security areas.



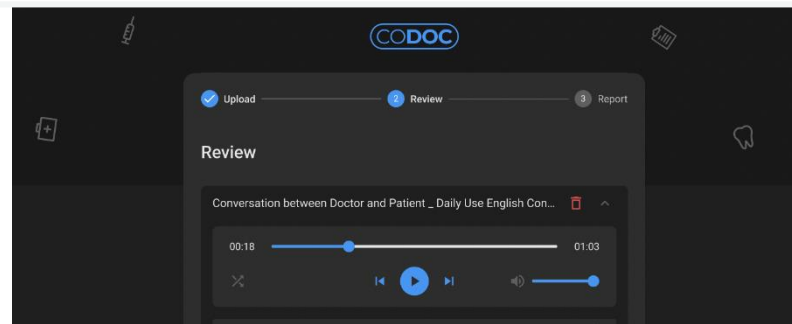
Founded in 1997, DataArt is a global software engineering firm and the trusted technology partner of market leaders.



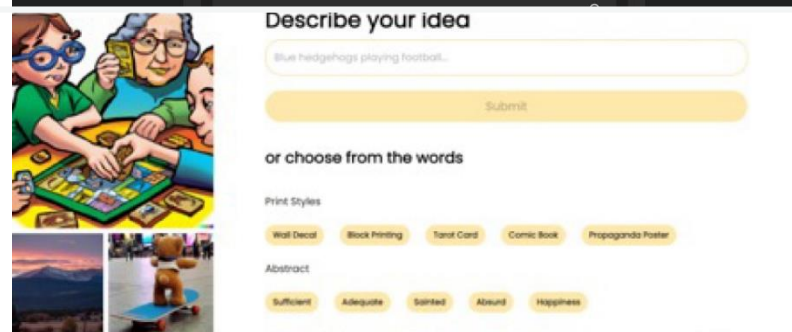
Holistic consultancy and advisory services in AI, with accelerators and investment offerings.

## Selected GenAI Case Studies

During clinical trials, there is a need to process vast amounts of patient data daily. Our PoC CoDoc helps handle unstructured data and provides comprehensive patient records tailored to the needs.



Our customer provides a digital solution for patients with cognitive disorders. We helped to enhance it by introducing a module to generate the visualization with DALL-E model.



Automated Support Agents PoC demonstrates how conversational AI can transform customer service operations by automating simple yet common requests. This delivers cost savings, operational scalability, and improved customer experiences.

