

Streamlining Healthcare Operations with Gen AI

By adopting GenAI solutions, DataArt helps enhance healthcare operations through specialized expertise, accelerators, ready-to-use PoCs, and architectural blueprints. This integration minimizes time-to-market, ensuring exceptional value delivery to our customers within record timelines.

Explore GenAI Use Cases for Streamlining Healthcare Operations

✓ Knowledge Base Organization

Organizations accumulate internal databases of learning materials, how-to guides, and instructions over time, posing challenges in organization and accessibility as they age. GenAI can streamline these databases, enabling quick access to answers.

✓ Personalized Communication

GenAI can personalize outbound communications, including emails, texts, and push notifications, to align with individual patient conditions, provider recommendations, and scheduled events.

✓ Interactive Helpdesks

Employing GenAI for customer support allows healthcare companies to boost responsiveness, enhance efficiency in issue resolution, and optimize resource allocation.

✓ Medical Documentation Generation

After assisting with the patient visit, an automated tool can save personnel time by compiling medical documentation into the required output formats.

✓ Marketing Content Generation

GenAI empowers the generation of personalized marketing content, including emails and social media posts, tailored to individual patient needs and interests. It facilitates targeted advertising campaigns and image creation, enhancing the effectiveness of patient engagement strategies.

✓ Data Extraction from Different Databases

Healthcare professionals often need help extracting specific insights from vast clinical datasets, especially unstructured data like patient notes and scanned documents. GenAI excels in processing large, diverse datasets, ensuring accurate and comprehensive information retrieval, and minimizing the risk of overlooking crucial patient details.

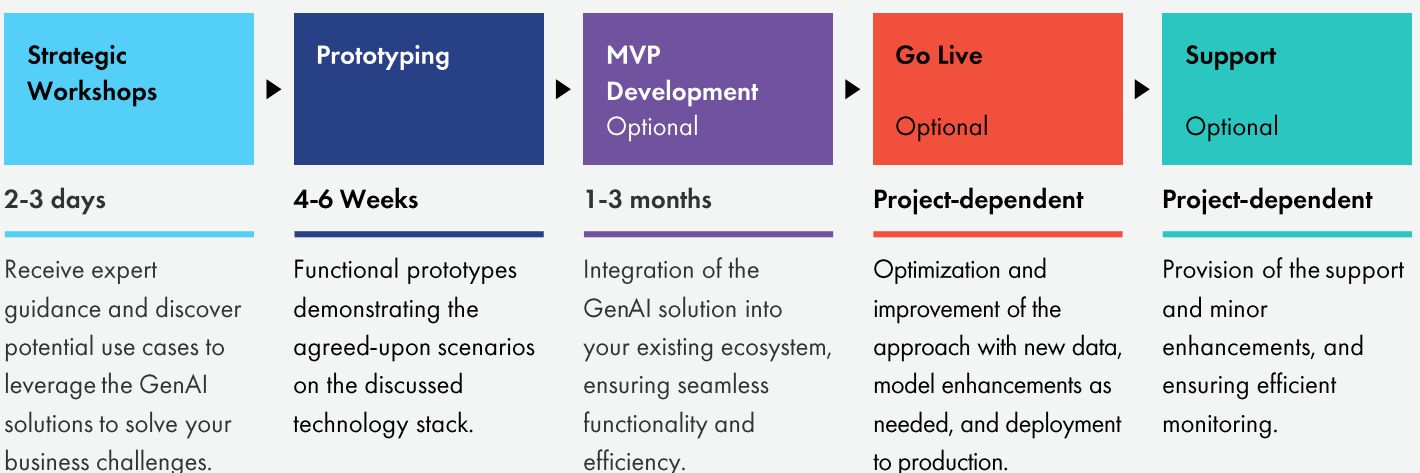
✓ Synthetic Healthcare Data Generation

GenAI proves invaluable in generating synthetic data for software development and testing, closely mimicking real-world scenarios. It ensures the protection of patient privacy and compliance with privacy regulations.

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?



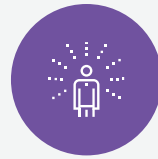
We've been on the market for 26 years, with a presence in 30+ locations and operate on US, UK, European markets



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



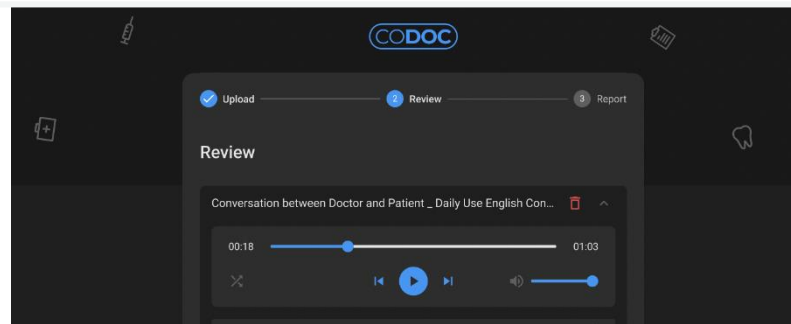
Founded in 1997, DataArt is a global software engineering firm and the trusted technology partner of market leaders.



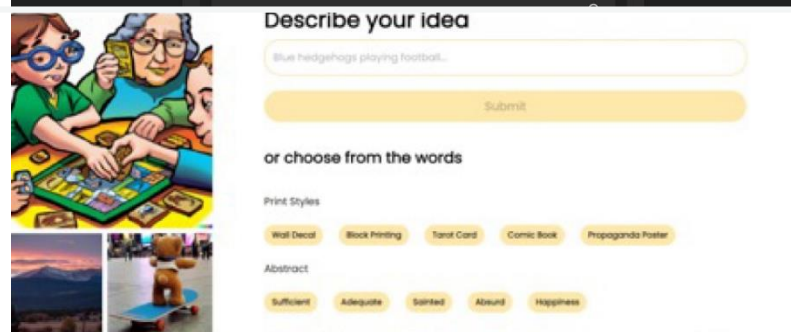
Holistic consultancy and advisory services in AI, with accelerators and investment offerings.

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.

