

TRANSFORMING HEALTHCARE WITH AI



WHEN

May 21 – 22, 2026

PRICE

\$5,700

WHERE

Cambridge, MA

EXECUTIVE CERTIFICATE TRACK

Digital Business

Healthcare industries constantly strive to improve patient care, and advancements in technology are pivotal to achieving this goal. Developments in artificial intelligence (AI), machine learning (ML), deep learning (DL), and generative AI (GenAI) have delivered an increasingly effective toolkit for making accurate predictions, enhancing diagnosis, personalizing treatments, and understanding disease progression.

This intensive two-day program, offered by the MIT Sloan School of Management in collaboration with the MIT Jameel Clinic, will introduce you to the transformative potential of artificial intelligence technologies and techniques in healthcare. The course covers foundational AI knowledge, explores practical applications across patient care, diagnostics, and hospital management, and considers key ethical, regulatory, and operational challenges in the healthcare sector. You will gain actionable insights into deploying AI today to improve healthcare outcomes, enhance efficiency, and manage risks effectively. You will also come together with peers to share insights, collaborate on challenges, and develop actionable strategies

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MIT
MANAGEMENT
EXECUTIVE EDUCATION

FACULTY*

Regina Barzilay

I. Glenn Cohen

Polina Golland

Rebecca Mishuris

Nelson Repenning

David Sontag

*Please note, faculty may be subject to change.

TAKEAWAYS

As a result of this program, participants should walk away with:

- A solid foundational understanding of AI technologies, including ML, DL and GenAI, as well as key elements of data analytics
- Insights into specific healthcare applications for AI, such as diagnostics, patient monitoring, and hospital management
- Practical approaches to address interpretability, ethical challenges, and regulatory concerns
- A toolkit and mindset to develop and integrate a sustainable AI strategy that aligns with healthcare operational goals

WHO SHOULD ATTEND

This course is ideal for:

- Healthcare Executives looking to integrate AI into their organizations
- Clinical leaders, physicians and nurse leaders interested in improving patient care through technology
- IT Professionals and managers focused on implementing AI solutions
- Government officials and health policy advisors aiming to understand AI's impact on healthcare regulations
- Consultants and advisors specializing in healthcare technology and strategy
- Business professionals in healthcare and associated industries looking to leverage AI for strategic and operational improvements

CONTACT INFORMATION

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