

AI for Healthcare Professionals

COURSE OVERVIEW

This course offers healthcare professionals a practical introduction to the applications of Artificial Intelligence (AI) in the medical field. It explores how AI is transforming diagnostics, patient care, medical imaging, drug discovery, and healthcare management. Participants will learn the fundamentals of AI and machine learning, including how to interpret AI-driven insights and integrate intelligent systems into clinical workflows. The course will equip healthcare workers with the knowledge to leverage AI tools for improved decision-making, operational efficiency, and patient outcomes.

WHO SHOULD ATTEND?

This course is designed for medical doctors, nurses, healthcare administrators, clinical researchers, health IT professionals, and policy makers who are interested in understanding and applying AI in healthcare. It is also beneficial to medical educators, health data analysts, and professionals involved in digital health transformation or hospital innovation initiatives. No prior experience in AI or programming is required.

COURSE OUTCOMES

Delegates will gain the knowledge and skills to:

- Explain key AI and machine learning concepts in a healthcare context.
- Recognize how AI supports diagnostics, treatment, and patient care.
- Use AI insights to enhance clinical and operational decisions.
- Understand the use of AI in imaging, drug discovery, and risk prediction.
- Address ethical and regulatory concerns around AI in medicine.
- Assess the benefits and limitations of AI tools in healthcare practice.
- Identify practical AI applications that improve patient outcomes.
- Communicate effectively with technical teams on AI-enabled healthcare solutions.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Fundamentals of AI and machine learning tailored to healthcare.
- Applications of AI in diagnostics, imaging, and patient care.
- AI in drug development, hospital management, and predictive analytics.
- Ethical and regulatory issues in medical AI adoption.
- Understanding and interpreting AI-driven clinical insights.
- Tools and platforms commonly used in healthcare AI solutions.
- Case studies highlighting AI success in healthcare settings.
- Integrating AI into daily clinical and administrative workflows.
- Addressing challenges in AI implementation.
- Enhancing collaboration between medical professionals and tech teams.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded