

AI+ Doctor™

Duration: 08 hours

Course Overview

The AI+ Doctor Certificate is a hands-on, practitioner-oriented training program crafted for physicians and healthcare professionals. In eight hours across eight modules, the course demystifies artificial intelligence in medicine. Learners engage with key concepts in machine learning, clinical decision support, imaging AI, NLP (ChatGPT/LLMs), and ethical considerations. Through simulated cases and guided activities, clinicians gain confidence to critically evaluate AI tools, understand their integration into practice, and lead responsible innovation within their care environments.

Course Prerequisites

- Basic digital literacy (e.g., using EHRs, accessing online platforms)
- Clinical background (MBBS, MD, DO, RN, NP, PA, etc.)
- No programming or data science background required

Course Agenda

Module 1: What is AI in Medicine?

- Understanding AI Fundamentals
- Clinical Relevance of AI

Module 2: AI in Diagnostics & Imaging

- Deep Learning in Clinical Imaging
- Interpreting and Using AI Outputs

Module 3: Predictive Analytics & Clinical Decision Support

- Building Predictive Risk Models
- Implementing Clinical AI Alerts

Module 4: NLP and Generative AI in Clinical Use

- Foundations of NLP and LLMs
- Using ChatGPT in Medicine

Module 5: Predictive Analytics & Clinical Decision Support

- Ethical and Equitable AI Use
- Regulation and Responsibility

Module 6: Evaluating AI Tools in Practice

- Metrics That Matter to Clinicians
- Assessing AI Products and Vendors

Module 7: Implementing AI in Clinical Settings

- Integrating AI into Workflows
- Team Collaboration and Monitoring

Module 8: The Future of AI & Your Role

- Emerging Trends in Medical AI
- Becoming an AI Leader in Medicine