



CAMBRIDGE
Expert Training Forum®

EXPERT MBA



ARTIFICIAL INTELLIGENCE IN MEDICINE CONSULTING

5 Months
Online (Part-Time)

TABLE OF CONTENTS

- 02 OVERVIEW
- 03 THE VISION BEHIND THE PROGRAMME
- 04 PROGRAMME CONTENT
- 09 LEARNING OBJECTIVES
- 11 CAREER OUTCOMES
- 13 DESIGN AND DELIVERY
- 14 DUAL CERTIFICATION

OVERVIEW

The Expert MBA Certificate in Artificial Intelligence (AI) in Medicine Consulting is an intensive, multidisciplinary 5-month programme designed to prepare the next generation of managers, practitioners, and innovators in AI consultancy.

The MBA Certificate Programme in Artificial Intelligence (AI) in Medicine Consulting is a cutting-edge, interdisciplinary course designed to equip professionals with the skills to lead at the intersection of artificial intelligence, clinical research, and healthcare management. As AI continues to transform medical practice and patient care, there is a growing demand for professionals who can combine technical understanding with strategic decision-making and operational excellence.

This programme offers a comprehensive blend of clinical documentation expertise, quality-driven processes, and AI-enabled research methodologies,

alongside core MBA competencies such as project management, team leadership, and customer relationship management. Participants will gain the knowledge required to manage AI-integrated healthcare projects, interpret clinical study reports, and ensure quality and compliance in data-driven medical environments.

With a strong emphasis on real-world applications, the programme prepares learners to navigate complex healthcare ecosystems, collaborate with multidisciplinary teams, and deliver innovative, patient-centric solutions powered by AI.

THE VISION BEHIND THE PROGRAMME

The MBA Certificate Programme in AI in Medicine is driven by a forward-thinking vision: to shape a new generation of professionals who can harness the transformative power of artificial intelligence to improve healthcare delivery, accelerate research, and enable data-driven decision-making across the medical ecosystem. Healthcare is undergoing a profound shift. The integration of AI into medicine, diagnostics, and research is redefining how diseases are detected, treated, and managed.

However, this transformation requires more than technical expertise—it demands professionals who understand the clinical context, regulatory landscape, operational challenges, and human impact of these technologies. The vision of this programme is to bridge that

gap by cultivating leaders who can seamlessly integrate AI innovation with medical and business excellence.

The programme envisions producing leaders who can effectively manage diverse teams, foster innovation, and drive high-impact outcomes in dynamic and often high-stakes environments.

Another key pillar of the vision is to strengthen evidence-based and AI-enabled research capabilities. This programme aspires to empower learners to lead such initiatives with confidence, precision, and strategic clarity.

In essence, this programme aspires to create innovative, ethically grounded, and industry-ready leaders.

PROGRAMME CONTENT

UNIT 1: LIFE SCIENCES MANAGEMENT

This Unit will provide you with the essential skills and experience you need to work in the life sciences field. It will equip you with the expertise and understanding of clinical studies and clinical documents, research project management, quality control processes, and customer relationships.

To get a life sciences management-related role, you need specific work-based skills and relevant experience to work in an international scientific environment. The aim of this Unit is to develop these specific skills.

Part 1: Clinical study reports

You will gain skills in editing clinical study reports and documents. You will also

understand issues and challenges associated with clinical report editing that may occur in your future work.

Part 2: Quality control processes

In this part, you will gain experience in quality control processes in clinical trials and/or drug development. You will be provided with tasks and learning material to enhance your knowledge and understanding of quality control assessment.

UNIT 2: SCIENTIFIC CONSULTING

This Unit will provide you with the essential skills and experience you need to work in the science industry.

PROGRAMME CONTENT

It will equip you with the expertise and understanding of research project planning, research project management, managing budgets, and customer relationships.

Part 1: Research project planning

In this part, you will learn and gain experience in planning research projects. You will solve challenges and tasks to enhance your understanding of planning projects. The tasks include planning projects according to the given deadline and project proposal. It will help you planing projects in your career.

Part 2: Budget management

In this part, you will gain skills and experience in budget management.

You will plan the budget of projects through challenging tasks. You will also gain experience in solving budget management issues.

UNIT 3: RESEARCH MANAGEMENT

This training will provide you with the essential skills and experience you need to work in the scientific research environment. It will equip you with the expertise and understanding of developing funding proposals, project management, managing team, and customer relationships.

Part 1: Funding proposal

In this part, you will gain skills and experience in preparing funding proposals. You will work on preparing a funding proposal through interesting tasks.

PROGRAMME CONTENT

You will also gain an understanding of the challenges in preparing a funding proposal.

Part 2: Project management

You will learn about managing your projects through challenging tasks. You will also gain experience in understanding project management principles and applying them to your project.

Part 3: Team management

In this part, you will gain skills and experience in team management and communication. You will solve team management issues through challenging tasks. You will also gain experience in understanding relationships and responding to team management issues.

Part 4: Customer relationship

You will learn about customer relationships and solve issues through challenging tasks. You will also gain experience in understanding customer requirements and responding to customer queries.

UNIT 4: ARTIFICIAL INTELLIGENCE IN MEDICINE

Dive into the world of artificial intelligence and understand its applications in transforming healthcare practices. Learn how AI is contributing to early detection and personalized treatment plans.

This Unit is designed to equip you with the knowledge you need to apply AI in medicine. Through the final module, you'll gain the essential knowledge and

PROGRAMME CONTENT

expertise required to apply AI in medicine and clinical research. This Unit aims to provide knowledge of AI applications in medicine and healthcare.

Part 1: Introduction to Artificial Intelligence

Gain a solid understanding of the foundations of AI, its evolution, and the historical milestones that have shaped this cutting-edge field. Whether you're a student, professional, or simply curious about AI, this course provides a concise and engaging overview. Understand the definition and fundamentals of AI. Explore the potential of AI within the context of research. Delve into the historical development of AI from its inception to the present day.

Part 2: AI and Machine Learning (ML)

Understanding the concepts: Define AI and machine learning and understand their interconnected nature. Explore how these technologies are reshaping industries. Examine practical applications of AI and ML across various industries. Learn about the main types of machine learning: supervised, reinforcement, and unsupervised learning.

Part 3: The ethics of AI in healthcare and medicine

Understand the ethical implications of AI-driven advancements in healthcare. Delve into the critical issues surrounding patient data privacy. Examine strategies for safeguarding sensitive healthcare information in the age of AI.

PROGRAMME CONTENT

Explore the hierarchy of ethical and legal considerations. Gain the knowledge and insights needed to navigate the complex ethical landscape, ensuring that AI technologies in healthcare uphold principles of fairness, transparency, and patient-centric care.

potential impact on the future of cancer care through research studies.

Part 4: The applications of AI in medicine

Discover the groundbreaking potential of AI in revolutionizing the field of medicine, with a specific focus on cancer diagnosis, treatment, and research. Explore the specific applications of AI in cancer care and treatment. Explore the latest applications of AI in medicine and cancer research performed in international universities. Explore cutting-edge developments in AI and their

LEARNING OBJECTIVES



1

Understand AI in Medicine

Gain foundational knowledge of how artificial intelligence is applied in healthcare, clinical research, and diagnostics

2

Develop Clinical Documentation Expertise

Learn to interpret and contribute to clinical study reports (CSRs) with accuracy and compliance

3

Plan and Execute Research Projects

Build skills in research design, protocol development, and resource planning for AI-based medical studies

LEARNING OBJECTIVES



4

Strengthen Scientific Consulting Skills

Translate complex clinical and AI data into actionable insights for stakeholders

5

Enhance Project Management Skills

Manage projects effectively, focusing on timelines, budgets, and risk mitigation

6

Gain AI Skills in Medicine

Acquire exposure to machine learning theory, AI applications in medicine, and AI ethical issues

CAREER OUTCOMES

Whether you aim to climb the corporate ladder, transition into management, or explore entrepreneurial ventures in AI in Medicine, this programme equips you with the tools to lead, innovate, and excel.

AI Healthcare Project Manager:

Lead high-impact AI initiatives across hospitals, research organizations, and digital health companies

Clinical Research & Data Analyst:

Contribute to smarter, faster, and more accurate medical research and decision-making

Scientific Consultant (AI in Medicine):

Advise healthcare organizations on integrating AI into clinical workflows and research strategies

Quality Assurance Specialist (Healthcare & AI):

Safeguard data integrity, regulatory compliance, and quality standards in AI-powered healthcare systems

Digital Health & Innovation Manager:

Drive innovation by implementing AI solutions in diagnostics, patient care, and healthcare operations

CAREER OUTCOMES

Your Competitive Edge

Future-Ready Expertise:

Unique combination of AI knowledge, clinical understanding, and MBA-level management skills

Leadership Advantage:

Prepared to take on strategic and managerial roles in a fast-growing, innovation-driven sector

Global Relevance:

Skills aligned with international healthcare, clinical research, and AI standards

Cross-Disciplinary Versatility:

Ability to work across healthcare, technology, research, and business functions

A Launchpad for Impact

- Transition into leadership roles within AI-driven healthcare and life sciences
- Contribute to innovations that directly improve patient care and outcomes
- Position yourself as a key decision-maker in the future of digital health

DESIGN AND DELIVERY

This online programme is delivered on our internationally recognised virtual learning platform (Moodle). The programme is self-paced, and it can be completed on your schedule within the programme's duration. The programme includes recorded lectures, templates, learning material, ebooks, real-life scenarios, and practice tasks.

This programme is designed in collaboration with our partner institute, the **Cambridge Centre for Innovation and Development, UK.**

DUAL CERTIFICATION



1 After completing (passing) all the parts of this programme, you will be provided with an e-certificate of completion for the Expert MBA programme at the **Cambridge Expert Training Forum**.

2 You will also receive an additional e-certificate (free of cost) for completing the Professional Certificate by our partner institute, the **Cambridge Centre for Innovation and Development, UK**.



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