

Mastering The Applications of Artificial Intelligence in Healthcare Management

23 – 27 November 2026
London

AGILE LEADERS
Training Center

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Ref: 36317_95660 **Date:** 23 – 27 November 2026 **Location:** London **Fees:** 5700 Euro

Course Overview:

This course aims to provide healthcare professionals with the knowledge and skills to effectively utilize Artificial Intelligence in healthcare management. The comprehensive one-week program will cover AI-driven strategies, emphasizing the incorporation of AI technologies such as large language models in healthcare operations, administration, and decision-making processes. Participants will explore advanced AI applications tailored for healthcare, with a focus on enhancing productivity, patient care, and overall organizational efficiency. The course is specifically designed for healthcare executives, managers, and professionals who are interested in spearheading AI initiatives. With a strong emphasis on practical applications, this program offers insights into AI-powered healthcare solutions, healthcare AI integration, and AI for healthcare strategy, making it an essential program for those seeking to stay ahead in the dynamic healthcare industry.

Target Audience:

- Healthcare Executives
- Healthcare Managers
- IT Professionals in Healthcare
- HR Professionals in Healthcare
- Primary Care Providers

Targeted Organizational Departments:

- Operations Department
- IT Department
- Strategic Planning Department
- Human Resources Department
- Patient Care Services

Targeted Industries:

- Healthcare
- Pharmaceuticals
- Mental Health Services
- Medical Devices
- Healthcare IT Systems

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Course Offerings:

By the end of this course, participants will be able to:

- Implement AI-driven strategies for healthcare management.
- Utilize large language models in healthcare for operational efficiency and patient care.
- Apply AI in healthcare administration for improved decision-making.
- Leverage AI in healthcare finance, HR management, and marketing.
- Integrate AI into healthcare strategic planning and operations.

Training Methodology:

This course combines theoretical discussions, practical hands-on exercises, and case studies to offer a thorough understanding of AI applications in healthcare management. Participants will take part in group discussions, interactive sessions, and feedback sessions, focusing on real-world applications of AI in healthcare. The training method emphasizes the use of AI-driven healthcare strategies, healthcare AI integration, and AI-powered healthcare solutions, ensuring that participants leave with practical skills and knowledge to apply in their organizations.

Course Toolbox:

- Workbooks and Reading Materials
- large language models Access
- Case Studies
- Templates and Checklists

Course Agenda:

Day 1: Introduction to AI in Healthcare Management

- **Topic 1:** Introduction to Artificial Intelligence in Healthcare
- **Topic 2:** Overview of AI-driven Healthcare Strategies
- **Topic 3:** Understanding large language models and its Applications in Healthcare
- **Topic 4:** AI in Healthcare System Strategy and Planning
- **Topic 5:** Examples of Artificial Intelligence in Healthcare Operations
- **Topic 6:** Governance and AI in Healthcare Services
- **Reflection & Review:** Reflect on the role of AI in healthcare strategy and operations

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Day 2: AI in Healthcare Operations and Human Resources

- **Topic 1:** AI in Healthcare Operations: Enhancing Efficiency
- **Topic 2:** Human Resource Management in Healthcare with AI
- **Topic 3:** Working with AI in Healthcare: Team Building and Management
- **Topic 4:** Applications of large language models in Healthcare HR Practices
- **Topic 5:** Leadership Development in Healthcare using AI
- **Topic 6:** Best HR Practices and Challenges in AI-driven Healthcare
- **Reflection & Review:** Discuss the impact of AI on healthcare HR and operational efficiency

Day 3: AI for Patient Care and Mental Health Management

- **Topic 1:** Leveraging AI for Patient Care in Primary and Acute Settings
- **Topic 2:** AI in Mental Health Management: Tools and Applications
- **Topic 3:** Managing Risk in Mental Health with AI Technologies
- **Topic 4:** AI in Managing Long-term Conditions and Chronic Illness
- **Topic 5:** Applications of large language models in Patient Care Management
- **Topic 6:** AI in Managing Aggressive Behaviour in Mental Health
- **Reflection & Review:** Evaluate the role of AI in improving patient care and mental health management

Day 4: AI in Strategic Planning and Quality Improvement

- **Topic 1:** AI in Healthcare Strategic Planning: Best Practices
- **Topic 2:** Applications of AI in Healthcare Quality Improvement
- **Topic 3:** AI and Decision-Making in Healthcare Management
- **Topic 4:** AI in Performance Measurement and Improvement
- **Topic 5:** AI in Healthcare Research, Evaluation, and Evidence-based Management
- **Topic 6:** Using large language models for Strategic Sourcing in Healthcare
- **Reflection & Review:** Reflect on the integration of AI in strategic planning and quality improvement

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Day 5: Future of AI in Healthcare and Organizational Effectiveness

- **Topic 1:** AI in Healthcare Change Management: Improving Organizational Behaviour
- **Topic 2:** Future Trends in AI for Healthcare Management
- **Topic 3:** AI in Healthcare Leadership: Preparing for the Future
- **Topic 4:** AI in Healthcare Finance and Business Development
- **Topic 5:** AI for Healthcare Risk Management and Data Governance
- **Topic 6:** How to Create and Use a large language models Account for Healthcare Management
- **Reflection & Review:** Discuss the long-term implications of AI in healthcare and review key learnings

How This Course is Different from Other AI in Healthcare Courses:

The course stands out by offering a unique, hands-on approach to integrating AI into healthcare management. In contrast to other courses that may only focus on the technical aspects of AI, this program emphasizes the strategic application of AI in healthcare operations, patient care, and leadership. With a focus on real-world case studies, AI-driven healthcare strategies, and practical tools like large language models, this course equips participants with the skills and knowledge to lead AI initiatives within their organizations. The comprehensive agenda of the course, targeting various aspects of healthcare management, ensures that participants are well-prepared to drive innovation and efficiency in their respective fields.