



Mastering The Applications of Artificial Intelligence in Healthcare Management

06 - 10 Jan 2026
Madrid



Mastering The Applications of Artificial Intelligence in Healthcare Management

Ref.: 36317_23703 **Date:** 06 - 10 Jan 2026 **Location:** Madrid **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 five-day 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

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



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

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.

Training Course Categories



**Finance and
Accounting Training
Courses**



**Agile PM and Project
Management Training
Courses**



**Certified Courses By
International Bodies**



**Communication and
Public Relations
Training Courses**



**Data Analytics Training
and Data Science
Courses**



**Environment &
Sustainability Training
Courses**



**Governance, Risk and
Compliance Training
Courses**



**Human Resources
Training and
Development Courses**



**IT Security Training & IT
Training Courses**



**Leadership and
Management Training
Courses**



**Legal Training,
Procurement and
Contracting Courses**



**Maintenance Training
and Engineering
Training Courses**



Training Course Categories



Marketing, Customer Relations, and Sales Courses



Occupational Health, Safety and Security Training Courses



Oil & Gas Training and Other Technical Courses



Personal & Self-Development Training Courses



Quality and Operations Management Training Courses



Secretarial and Administration Training Courses



AGILE LEADERS
Training Center

Training Cities



Accra - Ghana



Amman - Jordan



Amsterdam - Netherlands



Athens - Greece



Baku - Azerbaijan



Bali - Indonesia



Bangkok - Thailand



Barcelona - Spain



Cairo - Egypt



Cape town - South Africa



Casablanca - Morocco



Chicago - USA



Doha - Qatar



Dubai - UAE



Geneva - Switzerland



Istanbul - Turkey

Training Cities



Jakarta - Indonesia



Johannesburg - South Africa



Kuala Lumpur - Malaysia



Langkawi - Malaysia



London - UK



Madrid - Spain



Manama - Bahrain



Milan - Italy



Montreux - Switzerland



Munich - Germany



Nairobi - Kenya



Paris - France



Phuket - Thailand



Prague - Czech Republic



Rome - Italy



San Diego - USA



AGILE LEADERS
Training Center

Training Cities



**Sharm El-Sheikh -
Egypt**



Tbilisi - Georgia



Tokyo - Japan



AGILE LEADERS
Training Center

Trabzon - Turkey



Vienna - Austria



Zanzibar - Tanzania



**Zoom - Online
Training**

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



AGILE LEADERS
Training Center

CONTACT US

 UAE, Dubai Investment Park First

 +971585964727
+447700176600

 sales@agile4training.com