

AI IN LEARNING AND TALENT DEVELOPMENT

“Transforming Workforce Learning and Capability Building Through Artificial Intelligence”

Schedule

Date	Venue	Fees (Face-to-Face)
05 – 07 May 2026	Dubai, UAE	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Artificial Intelligence is redefining the future of workplace learning and talent development. From personalized learning paths and intelligent content delivery to talent analytics and predictive career planning, AI enables HR and L&D professionals to enhance employee performance, optimize learning investments, and support strategic workforce development.

This course provides a practical framework to integrate AI into learning and talent development functions. Participants will explore AI-powered learning platforms, skills gap analysis, adaptive learning systems, and talent forecasting tools. The training includes interactive exercises, case studies, and implementation strategies to future-proof learning ecosystems.

Objectives

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

- Understand how AI technologies are applied across the talent development lifecycle
- Leverage AI to deliver personalized, adaptive learning experiences
- Use AI-driven data to identify skill gaps and inform L&D strategy
- Enhance talent identification, succession planning, and capability mapping
- Build an AI-enabled learning roadmap aligned with business goals

Why Attend

- Discover how AI can enhance employee development, engagement, and retention
- Transition from static training to intelligent, learner-driven environments
- Use data insights to make smarter talent decisions
- Align learning and development with future workforce needs
- Boost the efficiency and impact of your L&D initiatives using AI

Target Audience

This program is designed for:

- HR, L&D, and talent development professionals
- Organizational development and learning strategy leaders
- E-learning and digital transformation teams
- Performance management and HR analytics specialists
- Anyone responsible for learning, upskilling, or workforce planning

Individual Benefits

Key competencies that will be developed include:

- AI literacy in HR and L&D functions
- Ability to evaluate and apply AI learning technologies
- Skills gap identification and personalized learning path design
- Experience with adaptive learning platforms and tools
- Strategic thinking around future workforce capability

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- More personalized and impactful employee learning experiences
- Improved workforce agility and future skill preparedness
- Stronger talent development alignment with strategic business objectives
- Better utilization of learning data for decision-making
- A culture of continuous learning supported by intelligent systems

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - AI foundations, L&D innovations, and global use cases
- Case Studies - Talent development success stories using AI technologies
- Workshops - Skills mapping, learning journey design, and platform simulation
- Peer Exchange - Group discussions on L&D transformation with AI
- Tools - AI evaluation checklists, talent analytics templates, roadmap builders

Course Outline

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Foundations of AI in L&D

- Module 1: The Evolution of Talent Development with AI (07:30 - 09:30) • From traditional learning to intelligent learning ecosystems
- Module 2: AI-Powered Learning Technologies (09:45 - 11:15) • Learning Experience Platforms (LXPs), chatbots, adaptive learning
- Module 3: Personalization and Learning Path Automation (11:30 - 01:00) • Curating content and guiding learners through smart pathways
- Module 4: Workshop - Mapping an AI-Enabled Learning Journey (02:00 - 03:30) • Hands-on design of a learner-centric development path

Day 2: Skills Intelligence and Talent Planning

- Module 1: Using AI to Identify Skills Gaps (07:30 - 09:30) • Workforce analytics, job-role frameworks, and competency mapping
- Module 2: Predictive Talent Development (09:45 - 11:15) • Forecasting future roles and capability needs
- Module 3: Adaptive Assessment and Real-Time Feedback (11:30 - 01:00) • AI in performance measurement and continuous evaluation
- Module 4: Workshop - Skills Gap Analysis Simulation (02:00 - 03:30) • Use of talent data to assess capability risks and opportunities

Day 3: Implementing AI in the Learning Ecosystem

- Module 1: Selecting the Right AI Learning Tools (07:30 - 09:30) • Vendor evaluation, platform features, integration potential
- Module 2: Ethics and Governance in AI-Driven L&D (09:45 - 11:15) • Privacy, bias, and responsible use of learning data
- Module 3: Building Your AI in L&D Roadmap (11:30 - 01:00) • Change management, stakeholder alignment, pilot programs
- Module 4: Final Workshop - Present Your L&D AI Transformation Plan (02:00 - 03:30) • Group presentations with facilitator feedback

Certification

Participants will receive a Certificate of Completion in AI in Learning and Talent Development, validating their ability to integrate AI technologies into L&D strategies that enhance employee capability and organizational growth.

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