

AI IN PROJECT MANAGEMENT: ENHANCING DECISION-MAKING AND EFFICIENCY

“Leveraging Artificial Intelligence to Optimize Planning, Risk Management, and Execution”

Schedule

Date	Venue	Fees (Face-to-Face)
06 – 08 May 2026	Dubai, UAE	USD 2495 per delegate

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

Introduction

Project management is rapidly evolving through the integration of Artificial Intelligence (AI), which enables predictive insights, intelligent automation, and enhanced decision-making across the project lifecycle. AI can help project managers forecast risks, optimize schedules, allocate resources, and make data-driven choices faster and more accurately.

This course provides project professionals with the skills to implement AI tools and strategies within project environments. Through hands-on exercises, real-world examples, and AI applications in planning, monitoring, and stakeholder communication, participants will learn how to transform traditional project delivery using cutting-edge technology.

Objectives

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

- Identify key AI technologies and their relevance to project management
- Apply AI tools to improve planning, resource allocation, and scheduling
- Use predictive analytics to anticipate risks and performance issues
- Automate repetitive project tasks and reporting
- Drive project decisions through real-time data and intelligent dashboards

Why Attend

- Stay ahead by incorporating AI into project methodologies
- Improve efficiency, reduce delays, and enhance risk response
- Boost team productivity by automating manual project functions
- Make better-informed decisions using data-driven insights
- Lead digital transformation in your project environment

Target Audience

This program is designed for:

- Project managers and PMO leaders
- Project planners, schedulers, and controllers
- Business analysts and digital transformation teams
- IT project teams and Agile practitioners
- Anyone involved in planning, executing, or managing projects

Individual Benefits

Key competencies that will be developed include:

- Understanding and applying AI in a project context
- Using AI-powered tools for project data analysis and forecasting
- Automating project documentation, reports, and workflows
- Identifying inefficiencies and opportunities through machine learning
- Aligning AI insights with stakeholder decision-making needs

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Higher project delivery speed and quality through automation
- More accurate forecasting and risk mitigation
- Better resource optimization and stakeholder satisfaction
- Stronger alignment between project goals and business strategy
- Enhanced agility and adaptability in complex project environments

Instructional Methodology

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

- Strategy Briefings - Introduction to AI use cases in project management
- Case Studies - Real-world success stories of AI integration in projects
- Workshops - Interactive exercises on AI tools, dashboards, and risk models
- Peer Exchange - Cross-industry sharing of AI-enabled project practices
- Tools - Sample dashboards, automated reports, and AI scheduling templates

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 Project Management

- Module 1: AI Technologies and Their Role in Project Management (07:30 - 09:30) • Machine learning, NLP, automation tools in project workflows
- Module 2: Digital Project Planning with AI (09:45 - 11:15) • Schedule optimization, resource forecasting, dynamic planning
- Module 3: Integrating AI into PM Software (11:30 - 01:00) • Tools like MS Project with AI plug-ins, Wrike, Monday.com, Jira AI
- Module 4: Workshop - Automating a Project Plan (02:00 - 03:30) • Use AI to generate project timelines and resource plans

Day 2: Predictive Insights and Risk Intelligence

- Module 1: Predictive Analytics for Project Performance (07:30 - 09:30) • Trend analysis, EVM forecasting, cost and schedule risk
- Module 2: AI-Driven Risk Management (09:45 - 11:15) • Risk identification, probability modeling, impact scoring
- Module 3: Stakeholder Communication and AI Dashboards (11:30 - 01:00) • AI-generated reports, progress dashboards, visualizations
- Module 4: Workshop - Build a Predictive Risk Dashboard (02:00 - 03:30) • Hands-on exercise with sample project data

Day 3: Implementation and Strategic Impact

- Module 1: Automating Project Tasks and Reporting (07:30 - 09:30) • Task prioritization, smart reminders, and document generation
- Module 2: AI Ethics, Data Security, and Project Governance (09:45 - 11:15) • Responsible AI use, data privacy in project environments
- Module 3: Building an AI-Enabled PM Roadmap (11:30 - 01:00) • Change management, tool selection, pilot planning
- Module 4: Final Workshop - Present Your AI in PM Strategy (02:00 - 03:30) • Group presentations with facilitator feedback

Certification

Participants will receive a Certificate of Completion in AI in Project Management, validating their ability to apply artificial intelligence to optimize planning, execution, risk management, and stakeholder reporting in modern project environments.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

In-House / Customized Training

Interested in running this course for your team?

Please contact us:

TEL:

+601116373203

EMAIL:

info@mawaevents.net

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.