



*Training Course:
AI for Project Managers: Enhancing Efficiency &
Decision-Making*

20 - 24 July 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: AI for Project Managers: Enhancing Efficiency & Decision-Making

Training Course code: IT235754 From: 20 - 24 July 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3875 € Euro

Introduction

Artificial Intelligence AI is transforming project management by improving efficiency, automation, and data-driven decision-making. Project managers who integrate AI into their workflows can optimize scheduling, enhance risk management, improve resource allocation, and automate repetitive tasks to focus on strategic decision-making.

This 5-day hands-on training program provides project managers with the knowledge, tools, and best practices for leveraging AI in planning, execution, monitoring, and reporting. Participants will learn how to integrate AI tools, analyze project data effectively, and improve overall project performance.

Course Objectives

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

- Understand how AI is transforming project management.
- Learn how to integrate AI tools into project workflows.
- Use AI for predictive analytics, risk assessment, and decision-making.
- Automate task management, reporting, and scheduling with AI.
- Improve resource allocation and project efficiency with AI-driven insights.

Target Audience

This program is designed for project managers and professionals looking to enhance their project efficiency and decision-making using AI, including:

- Project Managers & Team Leads managing complex projects.
- Business Analysts seeking AI-driven insights for project success.
- IT & Digital Transformation Leaders integrating AI into business operations.
- Operations Managers looking to automate project workflows.
- PMO Project Management Office Professionals implementing AI in governance.

Training Program Outline

Day 1: Introduction to AI in Project Management

- Understanding AI fundamentals and applications in project management.
- Overview of AI-powered project management tools Chatbots, AI Assistants, Predictive Analytics.

- AI's role in automating routine project tasks scheduling, reporting, tracking.
- Ethical considerations and AI's impact on project leadership.
- Hands-on session: Exploring AI tools for project management.

Day 2: AI for Planning, Scheduling & Task Automation

- AI-driven project scheduling and timeline optimization.
- Using machine learning for accurate project forecasting.
- Automating task assignment, progress tracking, and reporting.
- AI-powered collaboration and communication tools for remote teams.
- Workshop: Setting up AI automation for a real-world project case study.

Day 3: AI for Risk Management & Decision-Making

- Leveraging AI for risk identification and mitigation.
- Predictive analytics for proactive decision-making.
- AI in scenario planning and "what-if" analysis.
- Handling project uncertainties using AI-generated insights.
- Interactive session: Using AI to assess and mitigate project risks.

Day 4: AI for Resource Allocation & Performance Optimization

- AI-driven resource forecasting and allocation.
- Optimizing team productivity using AI insights.
- Balancing workloads with AI-based capacity planning.
- AI for budget tracking and financial forecasting.
- Hands-on exercise: Using AI tools for resource management.

Day 5: AI-Enabled Project Reporting & Continuous Improvement

- Automating status reporting and project dashboards.
- AI-powered data visualization for project performance tracking.
- Best practices for AI integration into project governance.
- Future trends: How AI will shape the next generation of project management.
- Final workshop: Building an AI-driven project strategy.

Registration form on the Training Course: AI for Project Managers: Enhancing Efficiency & Decision-Making

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