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PROJECT MANAGEMENT | PM-002

AI Powered Project Management

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Course content

Why Attend

In today's fast-paced and data-driven environment, project managers must go beyond traditional methods to meet the demands of increasing speed, accuracy, and adaptability. This course equips project managers with the knowledge and tools to leverage Artificial Intelligence for better forecasting, risk management, decision-making, and resource allocation. Through practical applications and real-world examples, participants will explore how AI transforms project workflows and enhances stakeholder engagement. By the end of the course, they will be prepared to integrate AI into their project management practices for measurable performance gains.

Course Methodology

This course uses a combination of interactive learning tools, such as videos, questionnaires, case studies, team exercises, individual exercises, and group discussions.

Course Objectives

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

- Analyze how AI technologies are reshaping modern project management practices
- Identify and select appropriate AI tools for various project stages
- Interpret AI-generated analytics for proactive risk and resource management
- Develop AI-supported dashboards and reports for decision-making
- Apply AI tools in real-time project simulations
- Evaluate ethical, legal, and organizational considerations in AI use

Target Audience

This course is designed for project managers seeking to integrate AI-driven tools and insights into project planning, execution, and evaluation.



Course content

Target Competencies

- Applying AI to project lifecycle phases
- Identifying AI tools for project management
- Interpreting predictive analytics for risk and planning
- Integrating AI into resource and task allocation
- Leveraging natural language processing for reporting
- Enhancing decision-making through AI-driven dashboards
- Understanding ethical and compliance issues in AI use
- Evaluating AI impact on project KPIs and success criteria

Course outline

Fundamentals of AI in Project Management

- Overview of AI fundamentals and terminology in PM
- Historical versus AI-enhanced project management models
- Key AI technologies relevant to PM (ML, NLP, RPA)
- Benefits and challenges of AI adoption in PM
- Use cases of AI in real-world projects
- Trends driving AI integration in project workflows

AI Tools for Project Phases

- AI tools for project initiation and planning
- AI applications in task scheduling and assignment
- Tools for real-time project monitoring and control
- AI in project closure and lessons learned documentation



Course content

Course outline

- Criteria for selecting the right AI tool for the job
- Evaluating tool compatibility with PM software ecosystems
- Case comparisons of AI tool implementation

Predictive Analytics for Risk and Resource Planning

- Forecasting project risks using machine learning
- AI-driven resource allocation and optimization
- Predictive modeling for project timelines and costs
- Sentiment analysis for stakeholder alignment
- Interpreting risk heatmaps and scenario simulations
- Using AI alerts for contingency planning

Decision-Making with AI Dashboards

- AI in project data visualization and storytelling
- Integrating KPIs into AI dashboards
- Automated reporting using natural language generation
- Customizing dashboards for different stakeholder needs
- Data accuracy, bias mitigation, and audit trails
- Demonstrating AI reporting tools: demos and templates

AI Tools in Real-Time Project Simulations

- Hands-on with tools like MS Project
- Simulating risk scenarios using AI assistants
- AI-driven scheduling and reforecasting exercises



Course content

Course outline

- Group exercise: Real-time task prioritization with AI
- Collaborative decision-making using ChatGPT and NLP tools

Ethics and Compliance in AI Projects

- Ethical implications of AI in project decision-making
- Data privacy and legal compliance in AI tools
- Bias detection and mitigation strategies
- Organizational change management for AI adoption
- Establishing AI governance frameworks
- Case studies of ethical failures and lessons learned



Seminar dates

Available seminar dates

Live dates and pricing for AI Powered Project Management generated from the course details page.

Date	Location	Format	Fee
16 - 20 November 2026	London - U.K	Classroom	**€3,360.-**
23 - 27 November 2026	Dubai	Classroom	**€3,400.-**
30 November - 4 December 2026	Cape Town - South Africa	Classroom	**€3,600.-**
7 - 11 December 2026	Munich - Germany	Classroom	**€3,400.-**
14 - 18 December 2026	London - U.K	Classroom	**€3,360.-**
11 - 15 January 2027	Barcelona - Spain	Classroom	**€3,080.-**
8 - 12 February 2027	Frankfurt - Germany	Classroom	**€2,600.-**
8 - 12 March 2027	Rome - Italy	Classroom	**€3,400.-**
12 - 16 April 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
10 - 14 May 2027	Barcelona - Spain	Classroom	**€3,080.-**
14 - 18 June 2027	Geneva - Switzerland	Classroom	**€4,200.-**
12 - 16 July 2027	Munich - Germany	Classroom	**€3,400.-**
9 - 13 August 2027	Barcelona - Spain	Classroom	**€3,080.-**
13 - 17 September 2027	Frankfurt - Germany	Classroom	**€2,600.-**
11 - 15 October 2027	Rome - Italy	Classroom	**€3,400.-**
8 - 12 November 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
13 - 17 December 2027	Barcelona - Spain	Classroom	**€3,080.-**