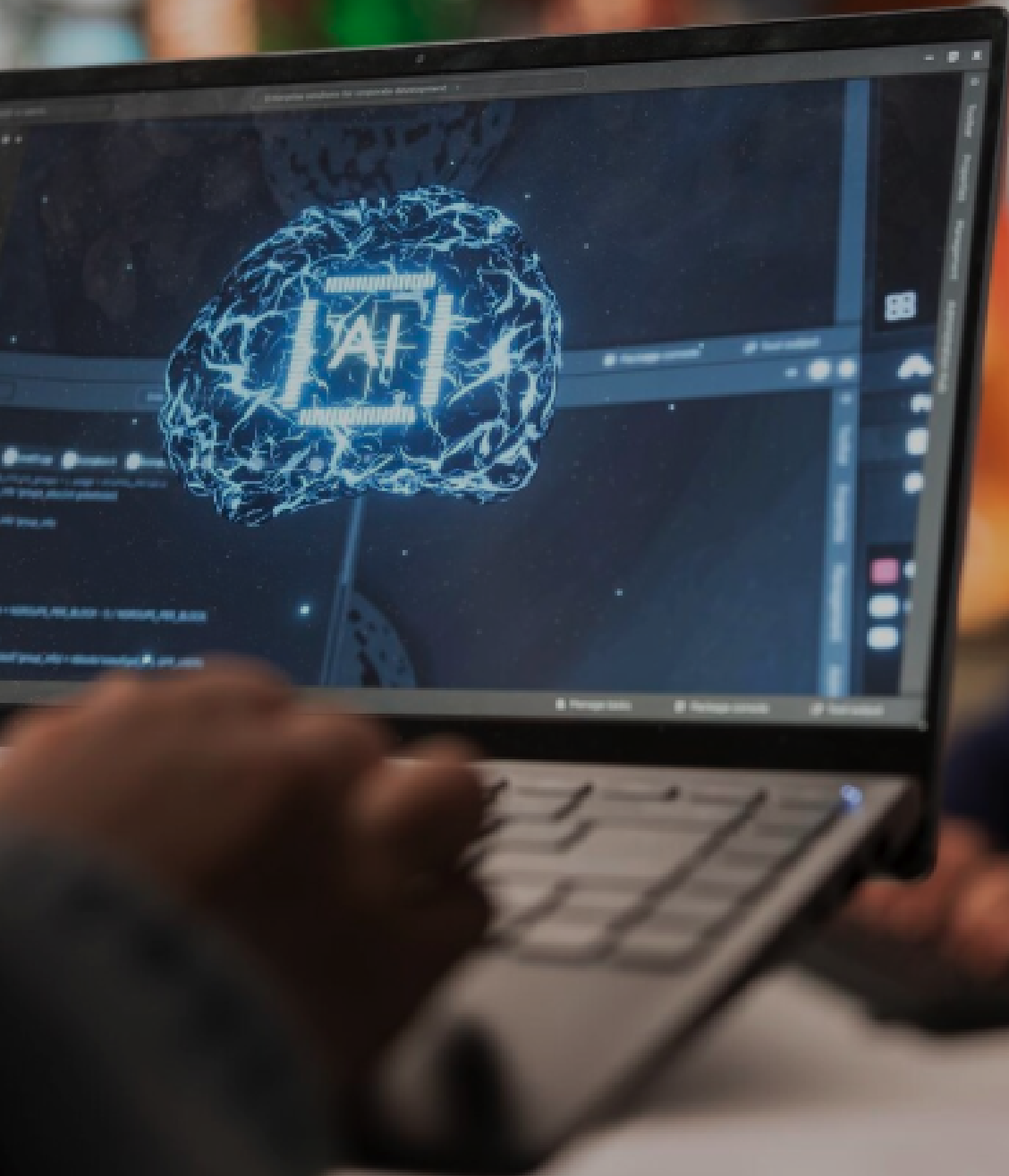


# aractech

Global Learning for Operational Leaders



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

- 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.
- Target Competencies
- Applying AI to project lifecycle phases
- Identifying AI tools for project management

# Course outline

## Detailed course outline

Module-by-module outline for AI Powered Project Management.

## Module 1 - 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

## Module 2 - 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
- Criteria for selecting the right AI tool for the job
- Evaluating tool compatibility with PM software ecosystems

# Course outline

## Detailed course outline

Module-by-module outline for AI Powered Project Management.

### Module 3 - 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

### Module 4 - 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

### Module 5 - 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
- Group exercise: Real-time task prioritization with AI
- Collaborative decision-making using ChatGPT and NLP tools

# Seminar dates

## Available seminar dates

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

Date	Location	Format	Fee
11 - 15 May 2026	Frankfurt	Classroom	€2,275
8 - 12 June 2026	Barcelona	Classroom	€2,695
6 - 10 July 2026	Frankfurt	Classroom	€2,275
10 - 14 August 2026	Rome	Classroom	€2,975
14 - 18 September 2026	Kuala Lumpur	Classroom	€1,575
5 - 9 October 2026	Barcelona	Classroom	€2,695
16 - 20 November 2026	London	Classroom	€2,940
<b>Live online option</b>		Online delivery is available at €1,250.	