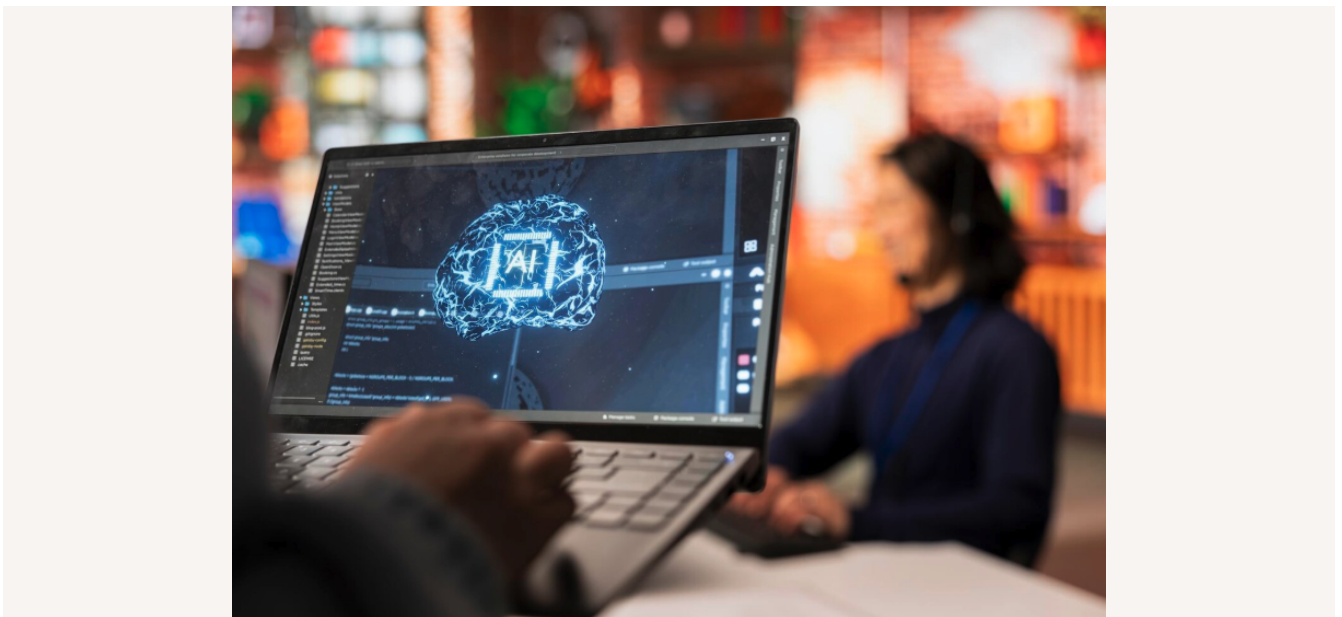


AI Powered Project Management

Course code: PM-002



SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

info@sparktraining.eu

+31 85 115 0004 | sparktraining.eu

— Workshop Overview

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.

Why Attend

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

Who Should Attend

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

— Learning 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

Course Outline

**DAY
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

**DAY
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
- Case comparisons of AI tool implementation

**DAY
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

**DAY
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

DAY

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
- Day 6: 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

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	Barcelona - Spain	€1,925
16 - 20 November 2026	London - United Kingdom	€2,100
7 - 11 December 2026	Munich - Germany	€1,725
11 - 15 January 2027	Barcelona - Spain	€1,925
8 - 12 February 2027	Frankfurt - Germany	€1,625
8 - 12 March 2027	Rome - Italy	€2,125
12 - 16 April 2027	Kuala Lumpur - Malaysia	€1,400
10 - 14 May 2027	Barcelona - Spain	€1,925

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.