



# **AI in Project Management: Automate Tasks, Predict Risks & Boost Efficiency**

05 - 09 Oct 2026  
Milan



# AI in Project Management: Automate Tasks, Predict Risks & Boost Efficiency

**Ref.:** 103600379\_72118 **Date:** 05 - 09 Oct 2026 **Location:** Milan **Fees:** 5700 **Euro**

## Course Overview:

Amid rapid technological transformations, modern AI applications have become an inevitable step toward a more efficient and proactive future in project implementation. This course focuses on integrating AI tools into all phases of project management, from planning and scheduling to decision-making and risk prediction. Participants will learn how to use technologies such as machine learning, real-time data analysis, and process automation to improve implementation quality and resource utilization. The course also showcases real-world examples and practical applications, covering key topics such as AI tools for projects, dynamic scheduling, intelligent project management systems, and team interaction.

## CPD Recognition

This course is listed on the CPD portal as part of our commitment to providing structured, high-quality professional development. Participants and organizations can review the course information and CPD details through the official listing.

[View This Course on the CPD Portal](#)

## Target Audience:

- Project Managers and Program Managers
- Operations Managers and Technology Managers
- Data Analysts in Projects
- Project Management Systems Engineers
- Strategic Planning Consultants

## Target Departments:

- Project Management Department
- Information Technology Department
- Digital Transformation Department
- Strategic Analysis Department
- Risk Management and Compliance

## Target Sectors:

- Government Agencies and Similar Sectors
- Infrastructure and Transportation Sector
- Energy and Industry Sector
- Construction and Building Sector
- IT and Digital Transformation Sector

## Course Offerings:

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

- Integrate AI tools into the project management lifecycle.
- Use dynamic scheduling and resource allocation using AI.
- Apply real-time data analysis techniques to accelerate decision-making.
- Predict and mitigate risks through intelligent forecasting models.
- Improve interaction and communication between work teams.
- Reduce errors and improve efficiency by automating routine tasks.

## Training Methodology:

The course relies on a combination of interactive methods, including case studies from real projects, data analysis exercises using simulation tools, and group discussion sessions that enhance interaction and shared experience. A virtual project management simulation will also be used to apply participants' learning in a realistic environment. The methodology aims to enhance practical understanding of concepts such as dynamic scheduling, real-time data analysis, and risk prediction, supporting the translation of theoretical knowledge into real-world practices that enhance organizational performance. Course Tools:

- Case Studies from Saudi Projects
- Real-Time Data Analysis Worksheets
- Dynamic Timelines
- Mind Maps for AI-Powered Decision Making
- Risk Assessment Templates and Response Models

## Course Agenda:

### Day 1: AI Concepts in Project Management

- **Topic 1:** AI and Machine Learning Basics in the Project Environment
- **Topic 2:** The Role of AI Tools in Projects
- **Topic 3:** Big Data Applications in Planning and Decision Making
- **Topic 4:** Intelligent Project Management Systems
- **Topic 5:** AI in Improving Operational Efficiency
- **Topic 6:** User Experience in AI Projects
- **Review:** Analyzing Learning Points and Relating Them to Professional Application



## Day 2: Intelligent Planning and Dynamic Scheduling

- **Topic 1:** Basic Concepts of Dynamic Planning
- **Topic 2:** Scheduling Using AI
- **Topic 3:** Intelligent Resource Allocation
- **Topic 4:** Advanced Scenario Analysis Tools
- **Topic 5:** Project Disruption Prediction and Proposed AI Solutions
- **Topic 6:** Integrated Planning Using Trello and AI
- **Review:** Planning Simulation Activity Real-Life Project

## Day 3: Risk Management and Real-Time Data Analysis

- **Topic 1:** Introduction to Risk Foresight Using AI
- **Topic 2:** Real-Time Monitoring and Deviation Analysis Tools
- **Topic 3:** Proactive Risk Management
- **Topic 4:** Automating Risk Response Systems
- **Topic 5:** Decision Support Algorithms
- **Topic 6:** Intelligent Performance Indicators Assessment
- **Review:** Analytical Exercise Using Real Data

## Day 4: Team Interaction and Intelligent Decision Making

- **Topic 1:** Analyzing Team Sentiments and Interaction Indicators
- **Topic 2:** Predicting the Need for Intervention in the Workplace
- **Topic 3:** Enhancing Internal Communication Using Data
- **Topic 4:** Using Pattern Analysis Tools in Organizational Behavior
- **Topic 5:** AI-Based Decision Support Systems
- **Topic 6:** Performance Monitoring and Resetting
- **Review:** A Model Application for Analyzing a Real-Life Project Team

## Day 5: From Vision to Sustainable Implementation

- **Topic 1:** Automating Routine Processes and Increasing Efficiency
- **Topic 2:** Artificial Intelligence in Financial Forecasting and Control Budgets
- **Topic 3:** AI Tools for Reducing Costs and Improving Returns
- **Topic 4:** Enhancing Organizational Agility Using Adaptive Intelligence
- **Topic 5:** Challenges and Ethical Considerations in Using AI
- **Topic 6:** Measuring the Return on AI in Projects
- **Review:** Presenting Realistic Improvement Plans Using AI Technologies

## FAQs:



## **What are the qualifications or requirements for participants before enrolling in the course?**

There are no deep technical requirements, but participants should be familiar with project management concepts.

## **How long is the daily session, and what is the total number of course hours?**

Each daily session lasts approximately 4-5 hours, with breaks and interactive activities. The total course duration extends over five days, totaling 20-25 hours.

## **What is the difference between real-time data analysis and traditional data analysis?**

Real-time data relies on real-time monitoring and analysis to make immediate decisions, while traditional data is analyzed after it is collected, leading to delayed response times.

## **How does this course differ from other courses?**

What distinguishes this course is its comprehensive, applied focus on artificial intelligence as an operational and strategic tool in project management. Unlike theoretical or general courses, this course presents real-life Saudi case studies, enhancing practical understanding of the technologies used. The course also features an interactive methodology, including simulations, applied projects, and real-time data analysis exercises.



# Training Course Categories

**Agile PM and Project Management Training Courses**

**Certified Courses By International Bodies**

**Communication and Public Relations Training Courses**

**Data Analytics Training and Data Science Courses**

**Environment & Sustainability Training Courses**

**Finance and Accounting Training Courses**

**Governance, Risk and Compliance Training Courses**

**Human Resources Training and Development Courses**

**IT Security Training & IT Training Courses**

**Leadership and Management Training Courses**

**Legal Training, Procurement and Contracting Courses**

**Maintenance Training and Engineering Training Courses**

**Marketing, Customer Relations, and Sales Courses**

**Occupational Health, Safety and Security Training Courses**

**Personal & Self-Development Training Courses**

**Quality and Operations Management Training Courses**

**Secretarial and Administration Training Courses**



## Training Cities

|                                 |                                  |                                     |
|---------------------------------|----------------------------------|-------------------------------------|
| <b>Accra</b><br>Ghana           | <b>Al Jubail</b><br>Saudi Arabia | <b>Amman</b><br>Jordan              |
| <b>Amsterdam</b><br>Netherlands | <b>Athens</b><br>Greece          | <b>Baku</b><br>Azerbaijan           |
| <b>Bali</b><br>Indonesia        | <b>Bangkok</b><br>Thailand       | <b>Barcelona</b><br>Spain           |
| <b>Berlin</b><br>Germany        | <b>Cairo</b><br>Egypt            | <b>Cape town</b><br>South Africa    |
| <b>Casablanca</b><br>Morocco    | <b>Chicago</b><br>USA            | <b>Doha</b><br>Qatar                |
| <b>Dubai</b><br>UAE             | <b>Frankfurt</b><br>Germany      | <b>Geneva</b><br>Switzerland        |
| <b>Istanbul</b><br>Turkey       | <b>Jakarta</b><br>Indonesia      | <b>Johannesburg</b><br>South Africa |
| <b>Kuala Lumpur</b><br>Malaysia | <b>Kuwait</b><br>Kuwait          | <b>Langkawi</b><br>Malaysia         |
| <b>Lisbon</b><br>Portugal       | <b>London</b><br>UK              | <b>Madrid</b><br>Spain              |
| <b>Manama</b><br>Bahrain        | <b>Marbella</b><br>Spain         | <b>Milan</b><br>Italy               |
| <b>Montreux</b><br>Switzerland  | <b>Munich</b><br>Germany         | <b>Muscat</b><br>Oman               |
| <b>Nairobi</b><br>Kenya         | <b>New York</b><br>USA           | <b>Nice</b><br>France               |
| <b>Paris</b><br>France          | <b>Phuket</b><br>Thailand        | <b>Porto</b><br>Portugal            |



## Training Cities

**Prague**

Czech Republic

**Riyadh**

Saudi Arabia

**Rome**

Italy

**San Diego**

USA

**Seoul**

South Korea

**Sharm El-Sheikh**

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