Scandinavian Academy

for Training and Development AB

Course: Artificial Intelligence (AI) in Project Management

Code	City	Hotel	Start	End	Price	Language - Hours
854	Kuwait (Kuwait)	Hotel Meeting Room	2025-11-02	2025-11-06	3450 €	En - 25

Course Introduction

The integration of Artificial Intelligence (AI) into project management is transforming the way organizations plan, execute, and monitor projects. AI-powered tools enhance efficiency, automate repetitive tasks, and provide data-driven insights that help project managers make informed decisions. From predictive analytics and risk management to automated scheduling and intelligent resource allocation, AI is revolutionizing project management practices.

This course is designed to equip participants with the knowledge and skills needed to leverage AI in project management. It covers the fundamental concepts of AI, its applications in project planning and execution, and how AI-driven tools can optimize workflows and improve project outcomes.

General Course Objective

This course aims to provide participants with a comprehensive understanding of how AI can enhance project management efficiency, streamline operations, and support decision-making. By integrating AI tools and methodologies, participants will learn how to improve project planning, risk management, stakeholder engagement, and overall project success.

Course Objectives

- Understand the fundamentals of AI and its role in project management.
- Explore AI-driven automation for project planning, scheduling, and execution.
- Learn how AI can enhance risk assessment and mitigation strategies.
- Discover AI applications in predictive analytics for project success.
- Understand the role of AI in optimizing resource allocation and cost management.
- Explore AI-powered decision-making tools and their impact on stakeholder engagement.
- Identify the challenges and ethical considerations of AI adoption in project management.

Target Audience

- Project managers and team leaders.
- Business executives and decision-makers.
- Professionals in operations and strategic planning.
- IT and digital transformation specialists.
- Anyone interested in leveraging AI to improve project management efficiency.

Course Outline

Module 1: Introduction to AI in Project Management

- Overview of AI technologies and their impact on project management.
- Key benefits of AI adoption in project planning and execution.
- AI-driven project management vs. traditional project management approaches.

Module 2: AI for Project Planning and Scheduling

- How AI improves project planning and scheduling accuracy.
- AI-powered tools for task automation and milestone tracking.

- Predictive scheduling: AI's role in anticipating delays and optimizing timelines.

Module 3: AI in Risk Management and Predictive Analytics

- AI-driven risk identification and mitigation techniques.
- Machine learning models for analyzing historical project data and predicting risks.
- How AI supports decision-making in uncertainty and crisis management.

Module 4: AI-Powered Resource Allocation and Cost Management

- Optimizing resource distribution with AI algorithms.
- AI for budget forecasting and cost control.
- Intelligent workforce management using AI-driven insights.

Module 5: AI in Communication and Stakeholder Engagement

- AI-powered chatbots and virtual assistants in project communication.
- Enhancing collaboration using AI-driven insights.
- AI in sentiment analysis for improved stakeholder management.

Module 6: AI in Performance Monitoring and Reporting

- AI-powered dashboards and real-time project tracking.
- Automated reporting and progress analysis using AI tools.
- AI-driven KPIs and performance measurement techniques.

Module 7: Challenges and Ethical Considerations of AI in Project Management

- Ethical concerns in AI-driven decision-making.
- AI transparency and accountability in project management.
- Addressing AI biases and ensuring responsible AI adoption.

Module 8: Future Trends and Innovations in AI for Project Management

- Emerging AI technologies and their potential in project management.
- The role of AI in adaptive and agile project management methodologies.

- Preparing for AI-driven transformations in the project management landscape.

The Scandinavian Academy for Training and Development adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training and Development.

Program Timings:

- 9:00 AM to 2:00 PM in Arab cities.
- 10:00 AM to 3:00 PM in European and Asian cities.

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.