

DIGITAL INNOVATION AND TRANSFORMATION | COURSE BROCHURE

Artificial Intelligence in Contract and Project Management

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

This course explores the integration of artificial intelligence (AI) in contract and project management, focusing on practical applications, tools, and decision-making processes. Participants will learn to leverage AI technologies to enhance efficiency, risk management, and contract compliance in project environments.

Contract and project managers often face challenges in managing complex contracts, ensuring compliance, and mitigating risks. The integration of AI can streamline these processes by automating contract reviews, enhancing data analysis, and providing predictive insights. Understanding how to effectively implement AI technologies is crucial for professionals aiming to improve operational efficiency and maintain a competitive edge in the industry. By mastering AI applications, participants can significantly reduce errors, enhance decision-making, and ultimately drive better project outcomes, making them invaluable assets to their organisations. This course equips them with the necessary skills to navigate the evolving landscape of project management, where AI plays an increasingly pivotal role.
Participants will engage in practical exercises that simulate real-world scenarios, such as using AI for contract analysis and project forecasting. They will learn to evaluate AI tools, develop risk management strategies, and create AI-enhanced project schedules. By developing capabilities in AI tools, they will practice making informed decisions that improve project outcomes and contract management. This course empowers participants to navigate the complexities of modern project environments, ensuring they can leverage AI effectively to enhance stakeholder communication, compliance, and overall project success. The skills gained will enable them to implement AI-driven solutions that foster innovation and drive efficiency in their organisations.

Professional Problems This Course Is Designed to Solve

- Difficulty translating subject knowledge into practical workplace decisions.
- Inconsistent approaches to the activities covered in the course outline.
- Lack of a structured plan for applying and reviewing new skills.

Course methodology

The course employs a mix of case studies, hands-on workshops, and simulations to build practical skills in AI applications for contract and project management. Participants will analyse fictional contracts, utilise AI tools for risk assessment, and engage in group discussions to enhance collaborative problem-solving. Specific exercises include contract analysis using AI software, developing risk management plans, and creating AI-enhanced project schedules. Outputs will include AI-enhanced project plans and risk management frameworks, demonstrating their understanding of the material and their ability to apply AI solutions in real-world scenarios. This approach ensures participants gain both theoretical knowledge and practical experience, preparing them for real-world applications.



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Course objectives

By the end of this course, participants will be able to:
• Evaluate the impact of AI technologies on contract management processes and project outcomes.
• Implement AI tools for contract analysis and compliance verification in project management.
• Assess risks associated with contracts using AI-driven predictive analytics.
• Design AI-enhanced project schedules that optimise resource allocation and timelines.
• Justify the use of AI in improving stakeholder communication and engagement in projects.
• Construct a framework for integrating AI solutions into existing contract management practices.

Target audience

This course is suitable for:
• Contract Managers: Responsible for overseeing contract execution and compliance, seeking to enhance efficiency through AI.
• Project Managers: Focused on delivering projects on time and within budget, interested in AI for better forecasting and risk management.
• Procurement Specialists: Engaged in contract negotiations and supplier management, looking to leverage AI for improved decision-making.
• Compliance Officers: Tasked with ensuring adherence to regulations, aiming to use AI for monitoring and reporting compliance effectively.

Target competencies

Participants will develop competencies in:
• Analysing contract terms using AI tools for enhanced clarity and compliance.
• Utilising predictive analytics to identify potential project risks early.
• Integrating AI solutions into project management workflows for efficiency.
• Collaborating with stakeholders to implement AI-driven communication strategies.
• Developing AI-based models for resource allocation and scheduling.
• Evaluating the effectiveness of AI applications in contract management.

Course outline



Course content

Day 1: Understanding AI Fundamentals in Project Management

Applied activity: Participants will analyse a fictional project scenario where AI tools are used for contract management. They will identify inefficiencies in the current processes and propose AI-driven solutions to enhance contract compliance and project execution.
Output: A report outlining identified inefficiencies and proposed AI solutions.

09:00–09:54	Introduction to AI concepts relevant to project management and contract management.
09:54–10:48	Overview of AI technologies and their applications in contracts and projects.
10:48–11:00	Identifying key challenges in traditional contract management processes.
11:00–11:30	**Coffee break**
11:30–12:12	Identifying key challenges in traditional contract management processes. (continued)
12:12–13:06	Exploring AI's potential to address inefficiencies in project management.
13:06–14:00	Case study: Successful AI implementations in various project environments.

Day 2: AI Tools for Contract Analysis and Compliance

Applied activity: Participants will work in groups to review a sample contract using AI analysis tools, identifying compliance issues and potential risks. They will present their findings and recommendations for improvement to the class, focusing on practical applications of AI in contract management.
Output: A presentation summarising compliance issues and AI-driven recommendations for contract improvements.

09:00–09:54	Exploring AI software for contract analysis and review, focusing on key features.
09:54–10:48	Techniques for automating compliance checks using AI technologies.
10:48–11:00	Understanding natural language processing and its impact on contract management.
11:00–11:30	**Coffee break**
11:30–12:12	Understanding natural language processing and its impact on contract management. (continued)
12:12–13:06	Evaluating AI tools for risk assessment and compliance in contracts.
13:06–14:00	Hands-on session: Using AI tools for real-time contract analysis.



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Day 3: Risk Management with AI in Projects

Applied activity: Participants will develop a risk management plan for a fictional project, using AI tools to predict and mitigate risks effectively. They will collaborate to create a comprehensive strategy that addresses potential challenges, ensuring all aspects of risk are covered.
Output: A detailed AI-enhanced risk management plan that outlines identified risks and mitigation strategies.

09:00–09:54	Understanding risk management principles in project management and their relevance to AI.
09:54–10:48	Applying AI for predictive risk analysis and developing mitigation strategies.
10:48–11:00	Creating risk matrices enhanced by AI insights for better decision-making.
11:00–11:30	**Coffee break**
11:30–12:12	Creating risk matrices enhanced by AI insights for better decision-making. (continued)
12:12–13:06	Integrating AI into existing risk management frameworks and processes.
13:06–14:00	Workshop: Developing an AI-driven risk management plan for a fictional project.

Day 4: Optimising Project Scheduling with AI

Applied activity: Participants will create a project schedule for a fictional project, utilising AI tools to optimise resource allocation and timelines. They will justify their scheduling decisions based on AI analysis and predicted outcomes, ensuring alignment with project goals.
Output: An AI-enhanced project schedule with detailed justifications for resource allocation and timeline decisions.

09:00–09:54	Exploring AI algorithms for project scheduling and effective resource allocation.
09:54–10:48	Techniques for optimising project timelines using AI insights and data analysis.
10:48–11:00	Understanding the role of machine learning in project forecasting and scheduling.
11:00–11:30	**Coffee break**
11:30–12:12	Understanding the role of machine learning in project forecasting and scheduling. (continued)
12:12–13:06	Evaluating AI's impact on project delivery and stakeholder satisfaction metrics.
13:06–14:00	Hands-on session: Creating an AI-enhanced project schedule for a fictional project.



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Day 5: Integrating AI into Contract Management Practices

Applied activity: Participants will design a comprehensive integration plan for AI in their fictional organisation's contract management processes, addressing potential challenges and proposing solutions for successful implementation. They will collaborate to ensure the plan is practical and actionable.
Output: A strategic integration plan for AI in contract management, detailing steps for implementation and expected outcomes.

09:00–09:54	Developing a strategy for AI integration in contract management processes.
09:54–10:48	Evaluating organisational readiness for AI adoption in contract management.
10:48–11:00	Identifying key performance indicators for measuring AI success in projects.
11:00–11:30	**Coffee break**
11:30–12:12	Identifying key performance indicators for measuring AI success in projects. (continued)
12:12–13:06	Creating a roadmap for AI implementation in contract management practices.
13:06–14:00	Group discussion: Challenges and solutions for effective AI integration.

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.

Dates, venues and fees

Current published course plans. Fees are per participant in EUR, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (EUR)
Istanbul Confirmed dates	9 Nov 2026	13 Nov 2026	**€2,650.-**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,250.-**
Amsterdam Confirmed dates	23 Nov 2026	27 Nov 2026	**€2,540.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,250.-**
Singapore Confirmed dates	7 Dec 2026	11 Dec 2026	**€2,820.-**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.-**
London Confirmed dates	14 Dec 2026	18 Dec 2026	**€2,450.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
Dubai Confirmed dates	11 Jan 2027	15 Jan 2027	**€3,150.-**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,250.-**
Frankfurt Confirmed dates	25 Jan 2027	29 Jan 2027	**€2,650.-**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Vienna Confirmed dates	1 Feb 2027	5 Feb 2027	**€2,940.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	8 Feb 2027	12 Feb 2027	**€1,450.–**
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**€1,250.–**
Paris Confirmed dates	22 Feb 2027	26 Feb 2027	**€2,860.–**
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**€1,250.–**
Istanbul Confirmed dates	8 Mar 2027	12 Mar 2027	**€2,650.–**
Online Confirmed dates	8 Mar 2027	12 Mar 2027	**€1,250.–**
Amsterdam Confirmed dates	22 Mar 2027	26 Mar 2027	**€2,540.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**€1,250.-**
Rome Confirmed dates	29 Mar 2027	2 Apr 2027	**€2,450.-**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**€1,250.-**
Singapore Confirmed dates	12 Apr 2027	16 Apr 2027	**€2,820.-**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**€1,250.-**
London Confirmed dates	26 Apr 2027	30 Apr 2027	**€2,450.-**
Online Confirmed dates	26 Apr 2027	30 Apr 2027	**€1,250.-**
Dubai Confirmed dates	10 May 2027	14 May 2027	**€3,150.-**
Online Confirmed dates	10 May 2027	14 May 2027	**€1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Frankfurt Confirmed dates	24 May 2027	28 May 2027	**€2,650.–**
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.–**
Cape Town Confirmed dates	31 May 2027	4 Jun 2027	**€1,890.–**
Online Confirmed dates	31 May 2027	4 Jun 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	14 Jun 2027	18 Jun 2027	**€1,450.–**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**€1,250.–**
Paris Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,860.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.–**
Istanbul Confirmed dates	12 Jul 2027	16 Jul 2027	**€2,650.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,250.-**
Amsterdam Confirmed dates	26 Jul 2027	30 Jul 2027	**€2,540.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.-**
Rome Confirmed dates	2 Aug 2027	6 Aug 2027	**€2,450.-**
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**€1,250.-**
Singapore Confirmed dates	9 Aug 2027	13 Aug 2027	**€2,820.-**
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,250.-**
London Confirmed dates	23 Aug 2027	27 Aug 2027	**€2,450.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Dubai Confirmed dates	13 Sept 2027	17 Sept 2027	**€3,150.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,250.-**
Frankfurt Confirmed dates	20 Sept 2027	24 Sept 2027	**€2,650.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.-**
Cape Town Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,890.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	11 Oct 2027	15 Oct 2027	**€1,450.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**€1,250.-**
Paris Confirmed dates	25 Oct 2027	29 Oct 2027	**€2,860.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**€1,250.-**
Istanbul Confirmed dates	8 Nov 2027	12 Nov 2027	**€2,650.-**
Online Confirmed dates	8 Nov 2027	12 Nov 2027	**€1,250.-**
Amsterdam Confirmed dates	22 Nov 2027	26 Nov 2027	**€2,540.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**€1,250.-**
Barcelona Confirmed dates	29 Nov 2027	3 Dec 2027	**€2,840.-**
Online Confirmed dates	29 Nov 2027	3 Dec 2027	**€1,250.-**
Singapore Confirmed dates	6 Dec 2027	10 Dec 2027	**€2,820.-**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**€1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	13 Dec 2027	17 Dec 2027	**€2,450.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**€1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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View the latest course details online