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DATA MANAGEMENT AND BUSINESS INTELLIGENCE | DMBI-009

Artificial Intelligence in Contract and Project Management

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Course content

Why Attend

INTRODUCTION

This Artificial Intelligence in Contract and Project Management training course is designed to equip professionals with the skills to effectively integrate AI technologies into contract management and project optimization.

In today's data-driven world, understanding and utilizing AI is essential for staying competitive and achieving operational efficiency.

Participants will learn how AI can automate contract reviews, optimize project scheduling, and enhance risk management.

This training course emphasizes the practical application of AI to streamline processes, reduce errors, and improve decision-making.

By analyzing real-world scenarios and utilizing state-of-the-art AI tools, attendees will gain a comprehensive understanding of AI's capabilities in both contract and project management.

The training course will ensure that participants are well-prepared to implement AI-driven innovations in their respective fields.

This Artificial Intelligence (AI), Contract Management and Project Management training course will highlight:

- Comprehensive understanding of AI in contract management
- AI applications in project scheduling and resource management
- Techniques for mitigating risks using AI
- Role of AI in contract negotiation and dispute resolution
- Hands-on experience with AI tools for practical applications

Course Methodology



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Course Methodology

Participants will engage in interactive lectures, practical exercises with AI tools, in-depth discussions, individual feedback sessions, and live demonstrations.

This approach ensures a thorough understanding and application of the concepts taught.

Organisational Impact

The Organisation will have the following benefits:

- Enhanced efficiency in contract and project management
- Improved risk management capabilities
- Reduction in contract review and project delivery times
- Increased competitive edge with AI technologies
- Better alignment of project outcomes with organizational goals
- Advanced skills in using AI tools across teams

Personal Impact

At the end of this Artificial Intelligence (AI), Contract Management and Project Management training course the participants will gain the following :

- Advanced skills in AI-driven contract and project management
- Improved problem-solving and decision-making capabilities
- Greater confidence in managing complex projects
- Enhanced ability to negotiate favorable contract terms
- Up-to-date knowledge of AI technologies
- Strategic approach to AI implementation in their roles

WHO SHOULD ATTEND?

This Artificial Intelligence (AI), Contract Management and Project Management training course will benefit all levels of personnel involved in any aspect of project procurement and implementation in commercial sectors.



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Course Methodology

It will enable a broad range of disciplines to appreciate and understand the complexities of various industries, and how best to manage risk.

This Artificial Intelligence (AI), Contract Management and Project Management training course is appropriate to a wide range of professionals but will greatly benefit:

- Senior Managers
- Legal Managers and Counsel
- Commercial and Business Managers
- Contracts Administrators and Managers
- Project Managers and Team Leaders
- IT Professionals in Project Teams

Course Objectives

At the end of this Artificial Intelligence (AI), Contract Management and Project Management training course, you will learn to:

- Understand key contractual arrangements in selected industries
- Apply AI tools to optimize project scheduling and resource allocation
- Utilize AI for effective risk prediction and management
- Draft and review contracts using AI technology
- Evaluate AI's role in dispute resolution and negotiation

Course outline



Course content

Course outline

Introduction to Artificial Intelligence (AI) in Commercial Contracts

- Overview of Business Structures and Contracting
- Emergence of AI and its application in society and business
- What can AI do and what it can's do?
- The benefits and risks of using AI tools for contract negotiation
- Contract Formation: terms and conditions

AI in Commercial Contracts Drafting: Enhancing Speed and Compliance

- Can AI draft a commercial contract?
- Remedies of Breach of Contracts
- Damages: Compensatory, Consequential and Incidental
- Damages, Liquidated Damages
- Termination of Contracts: AI role?
- The traditional commercial contract drafting process
- Limitations and challenges faced in traditional drafting methods
- Benefits of AI in the contract drafting process
- Best practices for implementing AI for contract drafting

AI in Commercial Contract Negotiations: How to do so profitably?

- Negotiating Commercial Contracts
- Joint Venture (JV)
- Example- Production Sharing Contracts (PSC)
- Fundamental Legal Principles
- Commercial Realities



Course content

Course outline

- Cultural and Language Issues
- The application of AI in negotiating commercial contracts
- Liability clauses
- Contractual indemnity
- Insurance provisions

AI and Contract Management

- Risk Management and AI
- The role of AI in contract management
- Sending payment reminders, contract renewals reminders
- Tracking contracts performance
- Identifying any potential breaches of contract
- Managing end-to-end contracting workflow
- How data collection becomes another metric to be analysed and used in optimising contract negotiations
- Indemnity and Exclusion Clauses: Why the need and the role of AI?
- Performance & Penalties
- Force Majuere, Change in Law and other Disputes

AI role in Dispute Resolution under Cross Border / International Agreements

- The emergence of AI and its application in dispute avoidance
- AI and developing negotiation strategies in dispute avoidance under commercial contracts
- Arbitration & Mediation – Important Differences
- Mediation and Conciliation, Adjudication, Dispute Boards - save time and costs
- Enforcement of International Arbitration Awards under the New York Convention
- Contemporary Developments in Case Law and Legislation



Course content

Course outline

Introduction to AI in Project Management

• Overview of AI and its relevance in project management.

• Introduction to various AI technologies impacting project management.

• The role of data in AI-driven project optimization.

• Understanding AI capabilities in project planning and execution.

• Overview of AI tools available for project managers.

• Analysis of AI applications in project management.

AI for Project Scheduling and Resource Allocation

• Principles of AI in scheduling: from theory to application.

• Demonstrations of AI-driven scheduling effectiveness.

• Exploration of tools and software for AI-based scheduling.

• AI approaches to resource allocation and optimization.

• Simulation of an AI-driven project scheduling scenario.

• Development session: AI resource allocation model.

AI for Risk Prediction and Management

• Fundamentals of risk management using AI.

• Demonstrations of predictive analytics and risk assessment models.

• AI in qualitative vs. quantitative risk analysis.

• Implementing AI tools for continuous risk monitoring.

• Analysis of AI-driven risk management effectiveness.

• AI risk prediction tool.

Integrating AI into Project Management Practices



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Course outline

• Strategic integration of AI technologies in existing processes.

• Managing change for AI adoption in project teams.

• Ethical considerations and AI in project management.

• Building AI competency within project management teams.

• AI integration roadmap.

Review and Practical Application

• Review of key AI concepts and tools learned throughout the workshop.

• Hands-on practical exercise with a comprehensive AI project management tool.

• Development of a personalized AI implementation action plan.

• Individual feedback: Sharing insights and experiences.

• Overcoming barriers to AI adoption.



Seminar dates

Available seminar dates

Live dates and pricing for Artificial Intelligence in Contract and Project Management generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Rome - Italy	Classroom	**€3,400.-**
14 - 18 December 2026	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
18 - 22 January 2027	Barcelona - Spain	Classroom	**€3,080.-**
15 - 19 February 2027	Paris - France	Classroom	**€3,600.-**
15 - 19 March 2027	Frankfurt - Germany	Classroom	**€2,600.-**
19 - 23 April 2027	Barcelona - Spain	Classroom	**€3,080.-**
17 - 21 May 2027	Frankfurt - Germany	Classroom	**€2,600.-**
21 - 25 June 2027	Rome - Italy	Classroom	**€3,400.-**
19 - 23 July 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
16 - 20 August 2027	Barcelona - Spain	Classroom	**€3,080.-**
20 - 24 September 2027	Paris - France	Classroom	**€3,600.-**
18 - 22 October 2027	Frankfurt - Germany	Classroom	**€2,600.-**
15 - 19 November 2027	Barcelona - Spain	Classroom	**€3,080.-**
20 - 24 December 2027	Frankfurt - Germany	Classroom	**€2,600.-**

Live online option	Online delivery is available at €1,850.-.