

Artificial Intelligence in Contract and Project Management

Course code: PM-012



SPARK TRAINING

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

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— Workshop Overview

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.

Why Attend

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.

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. It will enable a broad range of disciplines to appreciate and understand the complexities of various

— Learning Objectives

- 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't 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
- 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 Majeure, 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 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
- 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.

Course Outline

DAY
1

Course Content

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— Upcoming Classroom Dates

Schedule available on request. Contact SPARK Training for current dates, locations, and fees.

— 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.