Artificial Intelligence In Procurement And Supply Chain Management

MONTROYAL ELEVATE
Training & Consultancy

Voco by IHG Hotel, Riyadh, SA

From 20th to 24th of July 2025

Discover the Future of Procurement and Supply Chain Management

Course Information

Artificial Intelligence (AI) is transforming procurement and supply chain management into a strategic force driving value, innovation, and operational efficiency. This AI in Procurement and Supply Chain training course offers a practical, business-oriented approach to integrating AI-driven processes without delving into the complex technicalities of AI itself.

This training course offered by MontRoyal Elevate will help participants discover how to leverage AI in key areas such as supplier management, contract optimization, risk reduction, and procurement initiatives, ensuring that procurement and supply chains can adapt to evolving demands. The training course emphasizes strategic thinking, ethical AI adoption, and the use of AI tools to improve decision-making, resilience, and performance.

Key Highlights of This Training Course

❑ Utilize AI-driven insights to make data-informed procurement and supply chain decisions that enhance efficiency and reduce costs.

❑ Learn how AI tools can foster stronger, more productive relationships with suppliers

❑ Driving value and innovation

❑ Leverage AI's predictive capabilities to identify procurement risks early and develop proactive risk management strategies.

❑ Future-Proofing Procurement: Stay ahead of emerging AI trends and innovations that will shape the future of procurement and supply chain management.

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Organization Impact

Organizations sending their delegates to this Artificial Intelligence (AI) for Leaders and Managers training course will benefit from:

❑ Enhanced Strategic Decision-Making: Gain data-driven insights into supplier performance, demand forecasting, and inventory management using AI.

❑ Increased Efficiency: Automate routine procurement tasks to free up valuable resources for strategic initiatives.

❑ Optimized Supplier Relationships: Use AI-powered analytics to foster stronger, more reliable partnerships with key suppliers.

❑ Risk Mitigation: Predict disruptions and implement AI-based risk management strategies.

❑ Cost Reductions: AI enables cost-saving measures through better contract management and sourcing strategies.

❑ Improved Sustainability: Incorporate AI to track and reduce the environmental impact of procurement and supply chain operations.

Personal Impact

Delegates attending this Artificial Intelligence (AI) for Leaders and Managers training course will:

❑ Cutting-Edge Skills: Understand AI's role in modern procurement and supply chain strategies.

❑ Enhanced Leadership: Lead AI adoption initiatives with confidence, driving value across the organization.

❑ Strategic Insight: Leverage AI tools to make more informed, data-driven decisions.

❑ Operational Efficiency: Master techniques for automating workflows, improving efficiency, and reducing errors.

❑ Recognition: Position yourself as a forward-thinking leader in procurement and supply chain management.

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Learning Objectives

At the end of this AI in Procurement and Supply Chain Management training course, you will learn to:

❑ Understand how AI can be strategically applied in procurement and supply chain functions.

❑ Apply AI-driven insights to enhance decision-making, supplier management, and operational efficiency.

❑ Explain the benefits and applications of AI to colleagues and key stakeholders.

❑ Analyse the impact of AI on procurement processes, from risk mitigation to contract management.

❑ Develop strategies to integrate AI into sustainability initiatives and future-proof procurement practices as technology evolves.

Training Methodology

The training course employs a combination of case studies, interactive discussions and role-playing exercises. Led by experienced procurement and supply chain leaders, it draws on global best practices for using AI to generate measurable business outcomes. Participants will have hands-on exposure to real-world applications of AI tools tailored to their specific procurement and supply chain challenges.

Course Outlines

Module 1: AI Foundations in Procurement and Supply Chain

- Overview of AI in procurement
- AI's strategic role in procurement transformation
- Ethics and transparency in AI for procurement
- Aligning AI initiatives with organizational goals
- AI for supplier and buyer relationship management

Module 2: Strategic Use of AI in Supplier Management

- AI for supplier relationship management
- Predicting supplier performance with AI
- AI-driven supplier risk management
- Enhancing supplier collaboration via AI tools
- Building trust and transparency with AI

Module 3: AI-Powered Contract and Risk Management

- Streamlining contract management with AI
- Enhancing contract negotiations using AI
- AI for procurement risk identification and mitigation
- Managing contract lifecycle with AI automation
- Ethical considerations in AI contract management

Course Outlines

Module 4: AI-Driven Supply Chain Efficiency

- AI for demand forecasting in supply chains
- Optimizing inventory management using AI
- Automating procurement processes with AI
- AI for logistics and transportation efficiency
- Real-time supply chain monitoring and optimization

Module 5: AI and the Future of Procurement and Supply Chain

- Emerging AI trends in procurement
- AI-driven sustainability in procurement
- AI for supply chain resilience and disruption management
- Group exercise: Developing AI strategies for procurement