

ARTIFICIAL INTELLIGENCE (AI) IN PROCUREMENT MANAGEMENT

14 Hours **ZOOM & PHYSICAL** Program

100% HRDC CLAIMABLE



HYBRID TRAINING

17 & 18 Sept 2026 (Thu & Fri)



Remote Online Training (**Zoom**) &



Dorsett Grand Subang Hotel, Selangor
(**Physical**)

**** Choose either Zoom OR Physical Session**

LEARNING OBJECTIVES

By the end of this programme, participants will be able to:

- To understand the fundamental concepts of AI and its relevance to procurement.
- To identify AI tools and technologies applicable to procurement processes.
- To evaluate case studies and best practices for implementing AI in procurement.
- To develop skills to integrate AI solutions into existing procurement frameworks.

REGISTER 3 PAX, FREE 1 SEAT

Empowering Procurement Professionals Through Artificial Intelligence and Digital Innovation.

LEARNING OUTCOMES

By the end of this course, participants will be able to:

- Describe key AI concepts and terminologies related to procurement.
- Analyse the impact of AI on procurement efficiency and effectiveness.
- Utilize AI tools to enhance procurement decision-making processes.
- Develop a strategic plan for implementing AI in their procurement operations.

WHO SHOULD ATTEND

This course is ideal for:

- Procurement professionals and managers.
- Supply chain specialists.
- Business analysts and strategy professionals.
- IT professionals involved in procurement technologies.
- Anyone interested in understanding the intersection of AI and procurement.



CONTACT US



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INTRODUCTION

This basic two-day course is created especially for procurement experts interested in artificial intelligence. The training offers a simple start to AI ideas, concentrating on useful uses that can be easily grasped and used right away. Attendees will gain knowledge through clear explanations, practical examples, and guided steps, ensuring that no previous technical skills are necessary. The focus of the program is on developing confidence and practical knowledge instead of complex technical details, making AI easy to understand and important for daily procurement issues.

TRAINING METHODOLOGY

The course will utilize a mix of the following methodologies:

- Short, focused lectures
- Interactive discussions
- Practical exercises and mini case studies
- Group activities and simulations
- Simple templates and checklists

COURSE CONTENT

MODULE 1: INTRODUCTION TO AI & DIGITAL PROCUREMENT

- Understanding Artificial Intelligence (AI) fundamentals
- AI vs automation vs digitalization
- Evolution of procurement in the digital era
- Role of AI in procurement transformation
- Benefits and challenges of AI adoption
- AI trends impacting procurement and supply chain

MODULE 2: AI APPLICATIONS IN PROCUREMENT OPERATIONS

- AI in purchase requisition and approval workflows
- Automated procurement processes
- AI-assisted purchasing decisions
- Intelligent document processing
- AI chatbots and procurement support tools
- AI in contract and invoice processing
- Procurement workflow automation basics

MODULE 3: AI FOR STRATEGIC SOURCING & SUPPLIER MANAGEMENT

- AI-driven supplier discovery
- Supplier evaluation and scoring using AI
- AI-supported sourcing strategies
- Supplier risk identification and monitoring
- Supplier performance analytics
- AI for supplier relationship management (SRM)
- AI-assisted market intelligence gathering

MODULE 4: AI FOR SPEND ANALYSIS & PROCUREMENT ANALYTICS

- Introduction to procurement analytics
- AI-based spend visibility and classification
- Spend trend analysis
- Predictive procurement analytics
- Cost optimization opportunities using AI
- Procurement dashboards and reporting
- Data-driven procurement decision-making

COURSE CONTENT

MODULE 5: AI FOR INVENTORY, DEMAND FORECASTING & SUPPLY CHAIN PLANNING

- AI in inventory management
- Demand forecasting using AI concepts
- Predictive replenishment planning
- AI for warehouse and logistics coordination
- Reducing stock shortages and overstocking
- Supply chain visibility and monitoring
- AI-driven operational planning awareness

MODULE 6: AI FOR PROCUREMENT RISK MANAGEMENT & COMPLIANCE

- AI in procurement risk assessment
- Supplier financial and operational risk monitoring
- Fraud detection and anomaly identification
- ESG and compliance monitoring using AI
- Contract compliance tracking
- Cybersecurity and AI governance awareness
- Ethical considerations in AI adoption

MODULE 7: INDUSTRY 4.0, SMART PROCUREMENT & EMERGING TECHNOLOGIES

- Industry 4.0 overview in procurement
- Internet of Things (IoT) and procurement visibility
- Robotic Process Automation (RPA) basics
- Blockchain awareness in procurement
- Cloud procurement systems
- Smart procurement concepts
- Future technologies impacting procurement

MODULE 8: BUILDING AN AI-ENABLED PROCUREMENT FUNCTION

- Preparing procurement teams for AI adoption
- Digital procurement transformation roadmap
- Change management and workforce readiness
- AI implementation considerations
- Procurement skills for the future
- Building a data-driven procurement culture
- Future trends and continuous improvement strategies