



Procurement & Supply Chain Operations

Blockchain Applications in Supply Chain Management

Course Introduction

This course provides a foundational understanding of how blockchain technology is transforming supply chain management. By enhancing transparency, traceability, and efficiency, blockchain offers innovative solutions to tackle common supply chain challenges.

Target Audience

- Supply Chain Managers and Logistics Professionals
- Procurement and Operations Managers
- Entrepreneurs and Innovators Exploring Blockchain Solutions
- Technology Enthusiasts
- Regulators and Policymakers
- Anyone Seeking a Foundation in Blockchain for Supply Chain

Learning Objectives

- Gain a fundamental understanding of blockchain technology and its relevance to supply chain management
- Identify key challenges in traditional supply chain operations
- Learn about practical blockchain applications for supply chain transparency and security
- Understand how to start planning and implementing blockchain solutions in supply chain management
- Analyze real-world use cases and best practices from different industries

Course Outline

- **Day 01**

Day One: Introduction to Blockchain and Supply Chain

- Blockchain Essentials
- Overview of Supply Chain Management
- Traditional Supply Chain Challenges
- Blockchain's Impact on Supply Chains

- **Day 02**

Day Two: Blockchain Features for Supply Chain

- Transparency and Traceability
- Data Immutability and Security
- Smart Contracts in Supply Chains
- Real-time Visibility with Blockchain

- **Day 03**

Day Three: Blockchain Applications in Inventory and Logistics

- Real-time Inventory Tracking
- IoT Integration and Smart Sensors
- Supply Chain Authentication and Verification
- Case Studies in Inventory Management

- **Day 04**

Day Four: Implementing Blockchain in Supply Chain

- Assessing Blockchain Feasibility
- Designing Blockchain Solutions
- Overcoming Implementation Challenges
- Case Studies in Successful Implementations

- **Day 05**

Day Five: Interoperability, Standards, and Future Trends

- Interoperability Challenges and Solutions
- Industry-specific Standards and Consortia
- Emerging Trends and Future Directions
- Course Conclusion, Certificates, and Q&A

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 26, 2025	May 30, 2025	5 days	4950.00 \$	Austria - Vienna
July 28, 2025	Aug. 1, 2025	5 days	4250.00 \$	UAE - Dubai
Oct. 27, 2025	Oct. 31, 2025	5 days	4250.00 \$	UAE - Abu Dhabi