

## Blockchain and Digital Transformation in Supply Chain Management

### COURSE OVERVIEW

This course provides a comprehensive examination of blockchain technology and its transformative role in modern supply chain management, demonstrating how distributed ledger technology can enhance transparency, traceability, and trust across complex global networks. Participants will explore practical applications for improving provenance tracking, automating compliance through smart contracts, streamlining logistics, and combating counterfeiting. Through practical case studies and technical insights, the course bridges the gap between theoretical blockchain concepts and operational supply chain execution, preparing participants to lead digital transformation initiatives that drive efficiency, resilience, and competitive advantage.

### WHO SHOULD ATTEND?

This course is intended for supply chain executives, logistics managers, technology implementation specialists, and operations leaders across manufacturing, retail, pharmaceuticals, and consumer goods industries. It is equally valuable for IT professionals, digital transformation officers, procurement specialists, and entrepreneurs seeking to understand how blockchain can solve persistent supply chain challenges. The content is tailored for both technical and non-technical professionals involved in supply chain optimization and digital innovation.

### COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Evaluate blockchain's potential for solving specific supply chain challenges.
- Design and implement blockchain-based traceability and provenance systems.
- Develop smart contract applications for automated supply chain execution.
- Integrate blockchain solutions with existing ERP and supply chain platforms.
- Assess blockchain implementation costs, ROI, and scalability considerations.
- Lead organizational change management for digital transformation initiatives.
- Navigate regulatory and compliance aspects of blockchain adoption.

### KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- The core principles of distributed ledger technology and its relevance to supply chain management.
- How to design and implement systems for verifying product origin and authenticity.
- The use of self-executing contracts to automate compliance and logistics processes.
- Methods for combining blockchain with IoT and existing ERP platforms.
- Criteria for selecting appropriate blockchain architectures for specific use cases.
- Strategies to address scalability, interoperability, and adoption barriers.
- How to build business cases and calculate return on investment for blockchain initiatives.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded