



Digital Supply Chain Management

Email: info@masterpeaktraining.com

www.masterpeaktraining.com

Phone: +905302682631

Digital Supply Chain Management

5 days training course

For detailed information on training course dates, please click the link:

[Digital Supply Chain Management](#)



Course Overview

The **Digital Supply Chain Management** course provides participants with the knowledge of how digital technologies are reshaping supply chains globally. The course explores various technologies like cloud computing, blockchain, AI, big data, IoT, and automation, and their application in optimizing supply chain processes. Participants will learn how to leverage these technologies to improve efficiency, reduce costs, and create value across the supply chain network. This course will also focus on understanding the integration of digital tools with traditional supply chain functions.

Course Objectives:

- Understand the key technologies driving digital transformation in the supply chain.
- Learn how to leverage data and analytics to enhance supply chain decision-making.
- Gain insights into the role of automation, artificial intelligence (AI), and IoT in optimizing supply chain operations.
- Understand the application of blockchain for supply chain transparency and security.
- Develop skills to design and implement digital supply chain strategies.
- Explore the challenges and opportunities presented by digital technologies in global supply chains.
- Learn about end-to-end supply chain integration using cloud platforms and digital tools.

Who Should Attend?

This course is ideal for professionals in supply chain management, logistics, procurement, operations, and IT, looking to enhance their knowledge and skills in digital technologies that are transforming the supply chain industry. It is suitable for supply chain managers, operations directors, logistics professionals, IT experts, and business consultants in industries such as manufacturing, retail, transportation, and e-commerce.

Course Outline:

Day 1: Introduction to Digital Supply Chain Management

- Overview of traditional vs. digital supply chain models
- The impact of digital technologies on supply chain efficiency and competitiveness
- Key components of a digital supply chain: Automation, data, and integration
- The role of cloud computing in supply chain management
- Key trends in digital supply chain: Big data, IoT, AI, blockchain
- Case study: Digital transformation in leading companies' supply chains
- Practical exercise: Mapping a traditional supply chain to a digital supply chain model

Day 2: Big Data & Analytics in Supply Chain

- Introduction to big data and its role in supply chain management
- Data-driven decision making in supply chains
- Predictive analytics and demand forecasting
- The use of data visualization tools in supply chain management
- Implementing data analytics to optimize inventory and logistics
- Practical exercise: Using data analytics to forecast demand for a product
- Case study: Companies successfully leveraging big data in their supply chains

Day 3: Internet of Things (IoT) and Automation in Supply Chains

- Understanding the Internet of Things (IoT) and its application in supply chains
- Using IoT for real-time tracking and monitoring of goods and assets
- Automation in warehousing, transportation, and inventory management
- Robotics and AI in supply chain operations
- Implementing smart factories and autonomous vehicles in supply chains
- Practical exercise: Analyzing IoT data for improving supply chain visibility
- Case study: Companies using automation and IoT to optimize operations

Day 4: Blockchain in Supply Chain Management

- Introduction to blockchain technology and its benefits for supply chains
- How blockchain ensures transparency, security, and traceability in the supply chain
- Applications of blockchain in tracking product origins, shipments, and transactions
- Smart contracts and their role in supply chain management
- Overcoming challenges to blockchain adoption in global supply chains
- Practical exercise: Designing a blockchain solution for supply chain tracking
- Case study: Real-world examples of blockchain implementation in supply chains

Day 5: Integrating Digital Technologies Across the Supply Chain

- Integrating digital tools and technologies into existing supply chain processes
- Building a digital supply chain strategy: From planning to execution
- The role of cloud-based supply chain platforms for collaboration and visibility
- Cybersecurity considerations in digital supply chains
- Change management and upskilling the workforce for a digital supply chain
- Future trends in digital supply chain management: AI, 5G, and beyond
- Practical exercise: Creating a digital supply chain transformation plan for a business
- Case study: Lessons learned from successful digital supply chain transformations



DOCUMENTATION

The **MTC team** has meticulously prepared **high-quality training materials** for distribution to all delegates.

CERTIFICATES

An **accredited Certificate of Completion** will be awarded to participants who successfully attend and complete the program.

SCHEDULE

Course sessions are scheduled as follows:

- **Morning Session:** 09:00 AM – 1:00 PM
- **Afternoon Session:** 01:00 PM – 05:00 PM

REGISTRATION & PAYMENT

To register, please complete the **registration form** available on the course page and submit it with your **preferred payment method**. Alternatively, you can contact us via **email or WhatsApp** for assistance.

TRAVEL & TRANSPORT

We ensure a **seamless travel experience** by providing **airport-hotel-airport** transfers for all participants.