



# AI+ Supply Chain™

Certification



# Executive Summary

AI + Supply Chain course provides a thorough examination of how Artificial Intelligence (AI) is changing supply chain management, covering basic concepts up to advanced uses. It includes key subjects like AI methods for improving supply chains, the impact of generative AI on developing strategies, and the digitalization of supply chain operations. The course also delves into decision-making guided by AI, applications specific to various industries, and the incorporation of AI into managing logistics. The last module offers a practical workshop where participants can utilize AI concepts for actual supply chain problems, getting them ready to spearhead AI-based advancements in their companies.

# Prerequisites

- Foundational knowledge of supply chain concepts, processes, and operations.
- A general understanding of Artificial Intelligence, including machine learning and data analytics, is recommended.
- Prior experience with business management or technical tools, such as ERP systems or data analysis software, will be beneficial.
- Strong analytical and problem-solving skills are essential to understand and apply AI-driven techniques in supply chain scenarios.

# Exam Blueprint

Number  
of Questions

**50**

Passing  
Score

**35/50 or 70%**

Duration

**90 Minutes**

Format

**Online via AI  
Proctoring platform**

Question Type

**Multiple Choice/Multiple  
Response**

# Module Wise Weightage

<b>Module</b>	<b>Weight</b>
<b>Introduction to Artificial Intelligence in Supply Chain</b>	<b>10%</b>
<b>Advanced AI Techniques for Supply Chain</b>	<b>15%</b>
<b>Generative AI in Supply Chain Management</b>	<b>10%</b>
<b>Supply Chain Digitization</b>	<b>15%</b>
<b>Intelligent Driven Supply Chain Management</b>	<b>15%</b>
<b>Industry Aspects of Advanced SCM</b>	<b>15%</b>
<b>Policies of Logistics Management in Supply Chain with AI</b>	<b>10%</b>
<b>Supply Chain Masterclass with AI Assistance</b>	<b>10%</b>
	<b>100%</b>

 AI CERTS™  
The background of the slide features a stylized human head profile in profile, facing left, rendered in a glowing blue, wireframe-like digital aesthetic. The head is filled with intricate circuitry and data lines, symbolizing artificial intelligence and cognitive processing. The overall color palette is dark blue with bright blue highlights and a yellow/gold accent color used in the logo and module title.

AI<sup>+</sup>  
Supply Chain™

# Certification Modules

## Module 1

### **Introduction to Artificial Intelligence in Supply Chain**

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1.1 Overview of Artificial Intelligence in Supply Chain  
Management (SCM)

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1.2 Transforming Supply Chains with AI

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1.3 Ethical Implications of AI in Supply Chains

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## Module 2

# Advanced AI Techniques for Supply Chain

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2.1 Machine Learning in Supply Chain

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2.2 Expert Systems in SCM

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2.3 Integrating Images and Text in Supply Chain AI

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## Module 3

# Generative AI in Supply Chain Management

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3.1 The Origin of Generative AI

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3.2 Generative AI in Revenue Management and Demand Forecasting

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3.3 Transformer and LSTM Architectures in Generative AI

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## Module 4

# Supply Chain Digitization

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4.1 Introduction to Supply Chain Digitization

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4.2 Supply Chain Integration and Push-Pull Strategies

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4.3 Supply Chain Resiliency, Planning and Sustainability

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## Module 5

# Intelligent Driven Supply Chain Management

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5.1 Introduction to Smart SCM

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5.2 Employing Smart SCM and Prompt Engineering

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5.3 Future Trends of Smart SCM

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## Module 6

# Industry Aspects of Advanced SCM

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6.1 Introduction to Industrial SCM

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6.2 Business Value from AI and Gen AI in Supply Chain

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6.3 Risks and Challenges of Adopting AI and Gen AI in Industrial SCM

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## Module 7

# Policies of Logistics Management in Supply Chain with AI

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7.1 Role of Supply Chain Management in the Organization

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7.2 Warehousing Strategy for Efficient Supply Chain Management

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7.3 Technical Coverage of SCM with Multi-Dimensional Aspects

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## Module 8

# Supply Chain Masterclass with AI Assistance

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8.1 Supplier Selection and Relationship Management with AI

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8.2 Mastering Advancements in SCM with Modern Artefacts

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## Certification Outcome

After finishing the AI + Supply Chain course, students will receive a certification showing their skill in efficiently incorporating advanced AI methods in supply chain management. They will have the abilities to improve supply chain operations, utilize AI for making decisions based on data, and introduce AI-driven advancements in different industry environments. This certification enables professionals to lead digital transformation, improve operational efficiency, and strategically address supply chain challenges with advanced AI technologies.



## Market Insight

Companies are increasingly implementing AI in supply chain to enhance efficiency, flexibility, and robustness, leading to a fast-growing market. Having skills in AI is more and more necessary for improving logistics and predictions, making it crucial for gaining a competitive edge.



## Value Proposition

The AI + Supply Chain course offers great benefits by providing professionals with advanced AI skills to enhance and revolutionize supply chain management. Participants acquire the knowledge and skills required to improve productivity, spark creativity, and take the lead in implementing AI-driven changes within their companies through practical guidance and firsthand practice.



## Additional Features

The course on AI + Supply Chain includes interactive case studies, practical simulations, and specialized industry knowledge, as well as experienced teachers and chances for networking. Participants are also provided with useful resources, continuous assistance, and information on current AI developments in supply chain management.

# AI Experts



## Jason Kellington

AI Expert

As a consultant, trainer, and technical writer with more than 25 years of experience in IT, I specialize in the development and delivery of solutions focused on effective and efficient enterprise IT.



## Justin Frébault

AI Expert

I'm a boutique data consultant specializing in data mesh and lakehouse solutions. I've dedicated my career to helping organizations transform their approach to data, moving beyond mere knowledge.



## J Tom Kinser

AI Expert

I have over forty years of experience in software development, data engineering, management, and technical training. I am a Microsoft Certified Trainer and a software developer, holding multiple certifications.



## Terumi Laskowsky

AI Expert

Country Manager for Global Consulting Services in Japan, Specialties: Information Security (Compliance, Policy, Application, Host, Network)

# AI CERTS™

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