

Logistics and Supply Chain Management with Power BI Course Outline



Program Overview

This program is designed to provide participants with a comprehensive understanding of logistics and supply chain management, with a strong focus on building efficient logistics networks and improving operational performance.

In addition, the program integrates Power BI to enable participants to analyze logistics data, monitor performance, and support decision-making using real-time insights.

The program focuses on:

- Understanding logistics and supply chain systems
- Designing and managing logistics networks
- Improving operational efficiency and reducing costs
- Applying data-driven decision-making
- Using Power BI to analyze and visualize logistics performance

Participants will move from theoretical understanding to practical implementation in real operational environments.

Program Duration

- 36 Training Hours
 - 6 Hours Power BI
- Graduation Project Included

Program Structure (7 Weeks)

Week 1: Introduction to Logistics and Supply Chain

- Fundamentals of logistics management
- Difference between logistics and supply chain
- Components of logistics systems
- Role of logistics in business success

Key operational challenges

Week 2: Logistics Operations Management

- Procurement and sourcing
- Inventory management
- Warehouse operations
- Transportation and distribution
- Process optimization

Week 3: Logistics Networks Design

- Designing logistics networks
- Warehouse location planning
- Transportation routing
- Flow management
- Cost reduction strategies

Week 4: Planning and Control in Logistics

- Demand forecasting
- Resource planning
- Risk management
- Performance monitoring
- Key Performance Indicators (KPIs)

Week 5: Data Analysis and Decision Making

- Logistics data analysis
- Reading and interpreting reports
- Identifying operational issues
- Data-driven decision-making
- Performance improvement strategies

Week 6: Power BI for Logistics (6 Hours)

- Introduction to Power BI
- Data import and cleaning
- Building dashboards
- Logistics KPIs visualization
- Creating professional reports
- Using data for operational insights

Week 7: Practical Application and Graduation Project

- Building a complete logistics system
- Designing a logistics network
- Analyzing real data
- Creating Power BI dashboards
- Project presentation and evaluation

Learning Outcomes

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

- Manage logistics operations effectively
- Design efficient logistics networks
- Improve operational performance and reduce costs
- Analyze logistics data and make informed decisions
- Use Power BI for data visualization and reporting
- Build structured logistics systems

Conclusion

This program is designed for individuals who want to move from basic operational understanding to building structured, data-driven logistics systems. It is not just about understanding logistics...

It is about managing, optimizing, and transforming operations professionally.

About SEH International

SEH International is a leading training and professional development institution specialized in delivering high-impact, practical programs across various fields. With a strong focus on real-world application, SEH bridges the gap between theoretical knowledge and operational excellence.

Our programs are designed to equip participants with practical skills, enabling them to manage operations efficiently and make informed decisions based on data, in line with modern market demands and international standards.

