Data Governance in SCM Training Course

Professional Development Training Course Outline

Category	Logistics and Supply Chain Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s fast-paced supply chain environment, data has become the backbone of operational efficiency and strategic decision-making. Effective data governance ensures that organizations can leverage accurate, consistent, and secure data across all supply chain functions, from procurement to logistics and inventory management. This course emphasizes the integration of advanced data governance frameworks, data quality management, and compliance standards within supply chain management (SCM) systems. Participants will learn how to create actionable insights, reduce operational risks, and optimize supply chain performance through structured data policies and governance strategies.

Supply chain organizations increasingly face challenges such as data silos, inconsistent reporting, and regulatory compliance pressures. **Data Governance in SCM Training Course** equips professionals with the knowledge and skills to address these challenges while enabling real-time data visibility, enhanced decision-making, and operational transparency. By adopting a robust data governance approach, organizations can align their data management practices with business objectives, streamline collaboration between departments, and drive sustainable growth.

Programme Curriculum

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Course Objectives

1. Understand the fundamentals of data governance and its importance in supply chain management.
2. Develop policies and standards for data quality, integrity, and security.
3. Implement master data management (MDM) strategies for SCM operations.
4. Learn data stewardship roles and responsibilities within supply chain organizations.
5. Utilize data analytics to optimize procurement, inventory, and logistics processes.
6. Address regulatory compliance and industry standards related to SCM data.
7. Manage data lifecycle effectively from creation to archiving.
8. Identify and mitigate risks associated with poor data management practices.
9. Improve cross-functional collaboration through standardized data governance.
10. Integrate technology solutions for automated data governance in SCM.
11. Conduct data audits to ensure accuracy and consistency across systems.
12. Evaluate and monitor the performance of data governance frameworks.
13. Apply real-world case studies to strengthen practical understanding.

Organizational Benefits

- Improved decision-making through accurate and reliable data
- Increased operational efficiency across supply chain functions
- Enhanced compliance with regulatory requirements
- Reduced data-related operational risks
- Strengthened data security and confidentiality
- Streamlined reporting and analytics capabilities
- Greater transparency across departments and stakeholders
- Enhanced supplier and partner collaboration

- Optimized inventory and logistics performance
- Better alignment of IT and business objectives

Target Audiences

1. Supply chain managers and coordinators
2. Data analysts and business intelligence professionals
3. IT managers responsible for SCM systems
4. Procurement and sourcing officers
5. Logistics and operations managers
6. Quality assurance and compliance officers
7. Project managers in supply chain initiatives
8. Organizational leaders seeking data-driven SCM solutions

Course Duration: 5 days

Course Modules

Module 1: Introduction to Data Governance in SCM

- Definition and scope of data governance in supply chains
- Key principles and frameworks for effective governance
- Data governance roles and responsibilities
- Impact on operational efficiency and decision-making
- Case Study: Data quality failure in procurement operations
- Practical exercise: Mapping critical SCM data

Module 2: Data Quality Management

- Data accuracy, completeness, and consistency
- Implementing data validation and cleansing processes
- Handling duplicates and errors in SCM systems
- Monitoring key data quality metrics
- Case Study: Inventory discrepancies due to poor data quality
- Workshop: Designing a data quality checklist

Module 3: Master Data Management (MDM) for SCM

- Centralizing critical supply chain data

- MDM strategies for procurement, inventory, and logistics
- Aligning MDM with business processes
- Tools and platforms for MDM
- Case Study: Supplier data integration challenges
- Exercise: Building a master data hierarchy

Module 4: Data Security and Compliance

- Ensuring confidentiality, integrity, and availability of SCM data
- Compliance with regulatory standards (ISO, GDPR, etc.)
- Data access controls and authentication mechanisms
- Risk assessment and mitigation strategies
- Case Study: Data breach in a logistics company
- Activity: Drafting a data access policy

Module 5: Data Stewardship and Roles

- Defining data steward responsibilities
- Collaboration between business and IT teams
- Managing cross-functional data ownership
- Monitoring compliance with governance policies
- Case Study: Role confusion in data stewardship
- Group exercise: Assigning stewardship roles

Module 6: Data Lifecycle Management

- Data creation, storage, usage, and archiving
- Retention policies and data versioning
- Strategies for effective data lifecycle management
- Ensuring consistency across multiple systems
- Case Study: Loss of historical SCM data
- Workshop: Designing a data lifecycle workflow

Module 7: Data Analytics for SCM Optimization

- Leveraging SCM data for forecasting and demand planning
- Predictive analytics in inventory management

- Integrating analytics with governance policies
- KPI monitoring and performance dashboards
- Case Study: Improving logistics efficiency using analytics
- Exercise: Building a sample SCM dashboard

Module 8: Technology-Enabled Data Governance

- Tools and platforms for automated governance
- Integration with ERP and SCM software
- Real-time monitoring and reporting
- AI and machine learning in data governance
- Case Study: Implementation of an MDM system
- Practical activity: Configuring governance dashboards

Training Methodology

- Interactive lectures and presentations
- Hands-on workshops and group exercises
- Real-world case studies for practical understanding
- Role-playing and scenario-based learning
- Discussions and knowledge-sharing sessions
- Assessments and quizzes to evaluate comprehension

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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