Excel for Supply Chain Analytics 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

Supply chain analytics has become a critical component of modern business operations, allowing organizations to optimize inventory, forecast demand accurately, and enhance operational efficiency. Excel, as a versatile tool, provides professionals with the ability to perform complex data analysis, visualize trends, and make informed decisions. Excel for Supply Chain Analytics Training Course offers participants hands-on experience with Excel functionalities tailored for supply chain management, including data modeling, forecasting, and performance tracking. Participants will gain actionable insights into procurement, logistics, inventory control, and distribution strategies by leveraging Excel's analytical capabilities.

In today's data-driven business environment, supply chain professionals need advanced skills to manage large datasets, perform predictive analysis, and create automated reporting dashboards. This course focuses on developing practical competencies in Excel, empowering participants to apply analytical methods to real-world supply chain challenges. Through case studies, interactive exercises, and scenario-based learning, attendees will be able to enhance operational decision-making, reduce costs, and increase responsiveness across the supply chain. The training integrates trending techniques such as advanced formulas, pivot tables, data visualization, and scenario analysis to ensure participants are industry-ready.

Programme Curriculum

Excel for Supply Chain Analytics Training Course

Introduction

Supply chain analytics has become a critical component of modern business operations, allowing organizations to optimize inventory, forecast demand accurately, and enhance operational efficiency. Excel, as a versatile tool, provides professionals with the ability to perform complex data analysis, visualize trends, and make informed decisions. Excel for Supply Chain Analytics Training Course offers participants hands-on experience

with Excel functionalities tailored for supply chain management, including data modeling, forecasting, and performance tracking. Participants will gain actionable insights into procurement, logistics, inventory control, and distribution strategies by leveraging Excel's analytical capabilities.

In today's data-driven business environment, supply chain professionals need advanced skills to manage large datasets, perform predictive analysis, and create automated reporting dashboards. This course focuses on developing practical competencies in Excel, empowering participants to apply analytical methods to real-world supply chain challenges. Through case studies, interactive exercises, and scenario-based learning, attendees will be able to enhance operational decision-making, reduce costs, and increase responsiveness across the supply chain. The training integrates trending techniques such as advanced formulas, pivot tables, data visualization, and scenario analysis to ensure participants are industry-ready.

Course Objectives

1. Develop advanced Excel skills for supply chain data analysis.
2. Apply data visualization techniques to interpret supply chain trends.
3. Perform inventory analysis using Excel models.
4. Conduct demand forecasting with historical data.
5. Optimize procurement decisions using Excel tools.
6. Analyze supplier performance metrics effectively.
7. Build dynamic dashboards for real-time supply chain reporting.
8. Implement scenario and sensitivity analysis for supply chain planning.
9. Leverage pivot tables and advanced formulas for data-driven decisions.
10. Automate repetitive supply chain reporting tasks.
11. Improve distribution network efficiency using Excel analytics.
12. Evaluate logistics and transportation performance indicators.
13. Enhance decision-making through predictive analytics in Excel.

Organizational Benefits

- Improved inventory management efficiency.
- Enhanced demand forecasting accuracy.
- Better supplier performance tracking.
- Streamlined procurement processes.
- Reduced operational costs through data insights.
- Optimized distribution network planning.
- Enhanced reporting and analytics capabilities.

- Improved decision-making speed and accuracy.
- Increased supply chain visibility.
- Empowered teams with actionable data insights.

Target Audiences

- Supply Chain Managers
- Procurement Specialists
- Logistics Coordinators
- Inventory Analysts
- Operations Managers
- Business Analysts
- Data Analysts in Supply Chain
- Professionals seeking advanced Excel skills for analytics

Course Duration: 5 days

Course Modules

Module 1: Introduction to Excel for Supply Chain Analytics

- Overview of Excel functionalities for supply chain
- Understanding data structures in supply chain
- Data entry best practices
- Formatting and data organization
- Case Study: Inventory data organization for a manufacturing firm
- Hands-on exercises

Module 2: Data Cleaning and Preparation

- Identifying and handling missing data
- Data validation techniques
- Removing duplicates and errors
- Text, date, and numeric formatting
- Case Study: Cleaning supplier database for analysis
- Hands-on exercises

Module 3: Advanced Formulas and Functions

- SUMIFS, COUNTIFS, and VLOOKUP applications
- INDEX-MATCH for flexible lookups
- Conditional formulas for scenario analysis
- Nested functions for complex calculations
- Case Study: Calculating supplier lead times
- Hands-on exercises

Module 4: Pivot Tables and Data Summarization

- Creating pivot tables for sales and inventory data
- Grouping and filtering data in pivot tables
- Using calculated fields
- Pivot charts for visualization
- Case Study: Analyzing demand by region
- Hands-on exercises

Module 5: Data Visualization Techniques

- Creating charts for inventory and demand analysis
- Conditional formatting for quick insights
- Using sparklines and dashboards
- Best practices for visual storytelling
- Case Study: Dashboard for supply chain KPIs
- Hands-on exercises

Module 6: Inventory and Demand Forecasting

- Time-series analysis for demand trends
- Moving averages and exponential smoothing
- Forecast accuracy measurement
- Scenario analysis for stock planning
- Case Study: Forecasting demand for seasonal products
- Hands-on exercises

Module 7: Supplier and Procurement Analytics

- Tracking supplier performance metrics

- Cost analysis for procurement decisions
- Risk assessment using Excel models
- Visualizing procurement KPIs
- Case Study: Supplier evaluation and selection
- Hands-on exercises

Module 8: Advanced Dashboard Reporting

- Designing dynamic dashboards
- Linking multiple data sources
- Automating reports with macros
- Interactive dashboard features
- Case Study: End-to-end supply chain dashboard
- Hands-on exercises

Training Methodology

- Instructor-led interactive sessions
- Real-world case studies for practical understanding
- Hands-on exercises and simulations
- Scenario-based problem solving
- Group discussions and peer learning
- Step-by-step walkthroughs of Excel features

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

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com