Tableau for Supply Chain Training Course

Professional Development Training Course Outline

Category	Business Intelligence	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Tableau for Supply Chain Training Course empowers professionals with the advanced skills to transform raw supply chain data into actionable insights. This course blends data visualization, business intelligence, and supply chain analytics, enabling participants to make informed decisions, optimize inventory, and streamline logistics operations. With hands-on exercises and real-world case studies, participants will gain practical knowledge that can be immediately applied to their organizational processes. The course emphasizes trends in predictive analytics, data storytelling, and operational efficiency, equipping learners to become strategic contributors in supply chain management.

By mastering Tableau for Supply Chain, participants will enhance forecasting accuracy, improve procurement decisions, and drive overall supply chain performance. This training ensures proficiency in interactive dashboards, advanced charting, and KPI tracking, while addressing real-world supply chain challenges. Learners will explore techniques in demand planning, transportation analysis, and supplier performance monitoring. The course is tailored for professionals seeking data-driven solutions, operational excellence, and strategic decision-making capabilities within their organizations.

Programme Curriculum

Tableau for Supply Chain Training Course

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Course Objectives

1. Understand Tableau fundamentals and its application in supply chain analytics.
2. Learn to create interactive dashboards for inventory and logistics management.
3. Analyze procurement and supplier performance using advanced Tableau features.
4. Implement demand forecasting techniques through data visualization.
5. Optimize transportation and distribution networks with Tableau insights.
6. Monitor KPIs for warehouse efficiency and supply chain operations.
7. Integrate multiple data sources for comprehensive supply chain reporting.
8. Apply predictive analytics to anticipate supply chain disruptions.
9. Develop automated reporting to reduce manual supply chain efforts.
10. Perform root cause analysis on supply chain inefficiencies.
11. Visualize end-to-end supply chain processes for strategic planning.
12. Build scenario analysis dashboards to evaluate supply chain risks.
13. Leverage Tableau to support data-driven decision-making in supply chain management.

Organizational Benefits

- Streamlined supply chain operations through data-driven insights
- Enhanced inventory management and reduced stockouts
- Improved supplier performance tracking and compliance
- Optimized transportation costs and delivery schedules
- Reduced manual reporting effort through automated dashboards
- Greater visibility across end-to-end supply chain processes
- Enhanced decision-making with predictive analytics
- Better risk mitigation and scenario planning
- Improved collaboration across supply chain departments
- Increased overall supply chain efficiency and profitability

Target Audiences

1. Supply chain managers and analysts
2. Logistics and operations professionals
3. Procurement and sourcing specialists
4. Inventory control managers
5. Data analysts and business intelligence professionals
6. Warehouse managers
7. Transportation and distribution planners
8. Professionals seeking Tableau expertise for supply chain optimization

Course Duration: 5 days

Course Modules

Module 1: Introduction to Tableau and Supply Chain Data

- Overview of Tableau interface and functionalities
- Connecting Tableau to supply chain data sources
- Data preparation and cleaning for analytics
- Understanding supply chain metrics and KPIs
- Case Study: Sales and Inventory Dashboard Analysis
- Hands-on Exercise: Importing and visualizing sample supply chain data

Module 2: Data Visualization Basics

- Creating charts, tables, and graphs for supply chain reporting
- Using color, labels, and filters effectively
- Designing dashboards for inventory and logistics
- Storytelling with data for operational insights
- Case Study: Supplier Performance Analysis Dashboard
- Hands-on Exercise: Building visualizations from sample datasets

Module 3: Advanced Analytics for Supply Chain

- Forecasting demand using Tableau features
- Identifying trends and patterns in procurement
- Performing predictive analytics on logistics data
- Analyzing supplier reliability and performance
- Case Study: Predictive Analysis for Order Fulfillment
- Hands-on Exercise: Building forecasting dashboards

Module 4: Dashboard Design and Interactivity

- Creating interactive dashboards for supply chain KPIs
- Using parameters, actions, and filters for user-friendly dashboards
- Best practices in dashboard design for clarity and usability
- Case Study: Transportation Network Optimization Dashboard
- Hands-on Exercise: Designing interactive dashboards
- User engagement techniques for operational teams

Module 5: Data Integration and Automation

- Combining multiple data sources for comprehensive insights
- Automating dashboards and reports for supply chain operations
- Using calculated fields for advanced analytics
- Case Study: Inventory Planning Automation Dashboard
- Hands-on Exercise: Data blending and automation setup
- Ensuring data accuracy and reliability across sources

Module 6: Scenario Analysis and Risk Management

- Evaluating supply chain risks with scenario analysis
- Modeling "what-if" situations for logistics and inventory
- Identifying bottlenecks and inefficiencies

- Case Study: Scenario Planning for Warehouse Management
- Hands-on Exercise: Creating risk assessment dashboards
- Applying insights for operational improvements

Module 7: KPI Monitoring and Reporting

- Key performance indicators in supply chain management
- Real-time KPI tracking with Tableau
- Customizing reports for executive decision-making
- Case Study: KPI Dashboard for Procurement and Inventory
- Hands-on Exercise: Setting up automated KPI reporting
- Analyzing trends and taking corrective actions

Module 8: Capstone Project

- Integrating all learned techniques into a comprehensive dashboard
- End-to-end supply chain process visualization
- Addressing real-world business scenarios
- Case Study: Full Supply Chain Analysis Project
- Hands-on Exercise: Build, analyze, and present final dashboards
- Peer review and performance feedback

Training Methodology

- Instructor-led sessions with live Tableau demonstrations
- Hands-on exercises for practical learning and application
- Case studies from real-world supply chain scenarios
- Group discussions and collaborative problem-solving
- Scenario-based projects to reinforce analytical skills
- Continuous assessment through quizzes and project reviews

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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