Operational BI for Supply Chain in ERP Training Course

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s rapidly evolving business environment, leveraging Operational Business Intelligence (BI) within Supply Chain Management (SCM) is no longer optional it's a strategic necessity. This training empowers professionals to harness ERP-integrated BI tools, transforming raw data into actionable insights that optimize inventory management, procurement, logistics, and demand forecasting. Participants will learn to analyze real-time operational data, identify bottlenecks, and drive data-driven decision-making that enhances efficiency, reduces costs, and strengthens the overall supply chain ecosystem.

Operational BI for Supply Chain in ERP Training Course is meticulously designed for professionals aiming to excel in digital supply chain transformation and ERP analytics. Through hands-on case studies, interactive sessions, and practical exercises, participants will gain mastery over KPIs, dashboards, predictive analytics, and reporting tools. By the end of this program, learners will confidently convert complex data sets into strategic insights, enabling organizations to respond proactively to market demands, improve supplier collaboration, and achieve operational excellence.

Programme Curriculum

Operational BI for Supply Chain in ERP Training Course

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Course Duration

5 days

Course Objectives

1. Master Operational BI concepts in supply chain analytics.
2. Implement ERP-integrated BI dashboards for real-time insights.
3. Analyze inventory and procurement data to reduce operational costs.
4. Enhance demand forecasting accuracy using predictive analytics.
5. Optimize logistics and distribution performance through data visualization.
6. Monitor supply chain KPIs and performance metrics effectively.
7. Leverage advanced reporting tools for executive decision-making.
8. Apply root cause analysis for supply chain disruptions.
9. Integrate big data analytics into ERP-enabled supply chain workflows.
10. Develop data-driven strategies for supplier and vendor management.
11. Conduct what-if scenario planning for operational efficiency.
12. Utilize real-time alerts and triggers for proactive management.
13. Implement best practices in operational BI for continuous improvement.

Target Audience

1. Supply Chain Managers
2. ERP Analysts and Consultants
3. Operations Managers
4. Data Analysts in SCM
5. Procurement and Inventory Specialists
6. Logistics Coordinators
7. IT Professionals working on ERP
8. Business Intelligence Professionals

Course Modules

Module 1: Introduction to Operational BI in Supply Chain

- Understanding Operational BI vs. Strategic BI
- Key components of ERP-based BI
- Supply chain processes and data flow mapping
- Role of dashboards and KPIs in operational decisions
- Case Study: BI implementation in a global manufacturing supply chain

Module 2: ERP Data Integration

- Overview of ERP modules relevant to supply chain
- Techniques for data extraction and transformation
- Ensuring data quality and consistency
- Connecting BI tools with ERP systems
- Case Study: ERP data integration challenges in FMCG

Module 3: Inventory Analytics

- Tracking stock levels and turnover
- Identifying slow-moving and obsolete inventory
- Safety stock optimization using BI
- Automated inventory alerts and reporting
- Case Study: Reducing warehouse costs through BI insights

Module 4: Procurement and Supplier Analytics

- Monitoring supplier performance and compliance
- Predicting procurement trends using BI
- Optimizing purchase order cycles
- Vendor risk assessment with data-driven insights
- Case Study: BI-driven supplier negotiation strategy

Module 5: Demand Forecasting and Planning

- Forecasting models in ERP predictive analytics
- Analyzing historical sales and market trends
- Balancing supply and demand efficiently
- Generating scenario-based forecasts
- Case Study: Demand planning improvement in retail

Module 6: Logistics and Distribution Analytics

- Route optimization and transportation efficiency
- Warehouse analytics for fulfillment optimization
- Real-time shipment tracking using BI
- Cost-to-serve analysis and performance monitoring
- Case Study: Logistics cost reduction through BI dashboards

Module 7: Performance Measurement & KPIs

- Identifying critical supply chain KPIs
- Creating interactive dashboards for decision makers
- Benchmarking and trend analysis
- Monitoring operational performance metrics
- Case Study: KPI-driven operational improvement

Module 8: Advanced Reporting & Predictive Analytics

- Designing executive-ready BI reports
- Using predictive models for risk mitigation
- Implementing alerts and triggers for anomalies
- Leveraging big data for supply chain optimization

- Case Study: Predictive analytics in a high-volume production unit

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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

Start Date	End Date	Location	Price
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