Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ENTERPRISE RESOURCE PLANNING (ERP)

ERP Inventory Management Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

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ERP Inventory Management Training Course

Enterprise Resource Planning (ERP) • 5 Days Intensive • Accredited Certification

Course Overview

ERP Inventory Management Training Course equips participants with advanced skills to optimize warehouse operations, implement real-time tracking, and leverage data-driven decision-making. By

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
29 Dec 2025 – 2 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Dec 2025 – 2 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Accra	Classroom / 5d	**$4,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Jan 2026 – 9 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

ERP Inventory Management Training Course

Introduction

In today’s fast-paced business environment, efficient inventory management is crucial for operational excellence and maximizing profitability. Organizations increasingly rely on ERP systems to streamline their inventory processes, reduce stock-outs, and enhance supply chain visibility. ERP Inventory Management Training Course equips participants with advanced skills to optimize warehouse operations, implement real-time tracking, and leverage data-driven decision-making. By mastering automated inventory control, participants will gain the ability to minimize waste, improve forecasting, and drive overall business efficiency.

Designed for professionals, managers, and supply chain specialists, this course emphasizes hands-on learning, integrating industry case studies and practical ERP exercises. Participants will explore trending ERP tools, cloud-based inventory solutions, and AI-powered analytics to ensure seamless inventory optimization. This training provides a deep understanding of procurement planning, demand forecasting, and inventory reconciliation strategies, preparing individuals to enhance operational productivity and contribute to strategic business growth.

Course Duration

5 Days

Course Objectives

- Master ERP Inventory Management systems and their practical applications.
- Implement real-time inventory tracking to optimize stock control.
- Apply AI-driven demand forecasting for accurate inventory planning.

- Reduce stock-outs and overstocking through strategic inventory techniques.
- Utilize data analytics for inventory optimization and reporting.
- Integrate supply chain management with ERP systems effectively.
- Automate procurement and order processing for operational efficiency.
- Learn cloud-based inventory solutions for scalable business operations.
- Apply barcode and RFID technologies for inventory accuracy.
- Optimize warehouse management workflows using ERP tools.
- Implement cost-saving strategies via inventory process improvement.
- Develop custom dashboards and KPI reporting for inventory insights.
- Gain hands-on experience with real-world ERP case studies.

Target Audience

- Supply Chain Managers
- Warehouse Supervisors
- Inventory Controllers
- Procurement Specialists
- Operations Managers
- ERP Implementation Consultants
- Business Analysts
- IT Professionals in Inventory/Logistics

Course Modules

Module 1: Introduction to ERP Inventory Management

- Overview of ERP systems and inventory modules
- Role of inventory management in business operations
- Key inventory KPIs and performance metrics
- Real-time data monitoring in ERP systems
- Case Study: ERP implementation for a retail chain

Module 2: Inventory Planning & Forecasting

- Demand forecasting techniques using ERP tools
- Safety stock and reorder point calculations
- Seasonal and trend-based inventory planning
- Integration with procurement and supply chain
- Case Study: Forecasting inventory for a manufacturing unit

Module 3: Warehouse & Stock Management

- Warehouse layout optimization
- Stock categorization and ABC analysis
- Batch, serial, and lot tracking in ERP
- Automated stock updates and alerts
- Case Study: Optimizing warehouse efficiency in FMCG sector

Module 4: Procurement & Purchase Order Management

- Supplier management and vendor integration
- Automated purchase order creation in ERP
- Procurement approval workflows
- Tracking delivery and payment schedules
- Case Study: Procurement automation in electronics distribution

Module 5: Inventory Control & Auditing

- Stock-taking techniques and cycle counting
- ERP-based inventory reconciliation
- Handling discrepancies and stock adjustments

- Reporting and audit compliance
- Case Study: Reducing inventory discrepancies in a retail chain

Module 6: Advanced Analytics & Reporting

- Generating inventory reports and dashboards
- KPI monitoring and trend analysis
- Predictive analytics for stock optimization
- Decision-making using ERP analytics
- Case Study: Data-driven decision-making in logistics

Module 7: Automation & Emerging Technologies

- Barcode and RFID integration
- IoT-enabled inventory tracking
- AI and ML for demand forecasting
- Cloud-based ERP solutions
- Case Study: Implementing AI-based inventory management

Module 8: ERP Implementation & Change Management

- ERP system setup and configuration
- User training and adoption strategies
- Customization for business-specific processes
- Troubleshooting and continuous improvement
- Case Study: Successful ERP rollout in a multinational company

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@datastatresearch.org or call +254724527104

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 DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/erp-inventory-management-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.