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)

Inventory Cycle Count and Reconciliation Lab 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

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Inventory Cycle Count and Reconciliation Lab Training Course

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

Course Overview

Inventory Cycle Count and Reconciliation Lab Training Course is designed to equip professionals with the essential skills and knowledge needed to optimize inventory management systems.

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 – 9 Jan 2026	Nairobi	Classroom / 5d	**$3,000 USD / KES 220,000**
29 Dec 2025 – 9 Jan 2026	Kigali	Classroom / 5d	**$6,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Dubai	Classroom / 5d	**$10,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Cape Town	Classroom / 5d	**$9,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Addis Ababa	Classroom / 5d	**$6,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Singapore	Classroom / 5d	**$10,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Istanbul	Classroom / 5d	**$10,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Bangkok	Classroom / 5d	**$10,000 USD / KES 110,000**
29 Dec 2025 – 9 Jan 2026	Accra	Classroom / 5d	**$8,000 USD / KES 110,000**
12 Jan 2026 – 23 Jan 2026	Nairobi	Classroom / 5d	**$3,000 USD / KES 220,000**
12 Jan 2026 – 23 Jan 2026	Kigali	Classroom / 5d	**$6,000 USD / KES 110,000**
12 Jan 2026 – 23 Jan 2026	Dubai	Classroom / 5d	**$10,000 USD / KES 110,000**

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

Course Curriculum & Modules

Inventory Cycle Count and Reconciliation Lab Training Course

Introduction

Inventory Cycle Count and Reconciliation Lab Training Course is designed to equip professionals with the essential skills and knowledge needed to optimize inventory management systems. With a growing need for accuracy, efficiency, and streamlined operations in supply chain management, this training focuses on practical methods for conducting cycle counts and reconciling discrepancies. By utilizing industry best practices, this course empowers participants to enhance the overall integrity of their inventory processes, reduce errors, and improve operational efficiency. Whether for warehouse management, retail operations, or distribution centers, this course will provide attendees with the hands-on experience and theoretical understanding necessary to execute accurate inventory counts and resolve discrepancies effectively.

As businesses continue to face challenges in supply chain disruptions, inventory accuracy remains critical to ensure that operations are cost-efficient and smooth. This course dives deep into essential cycle count strategies, reconciliation processes, and techniques for identifying and resolving discrepancies. Learners will engage in real-world scenarios, understanding inventory control best practices, tools, and methods to reduce stockouts, overstocking, and inefficiencies. Participants will leave with the necessary competencies to apply innovative, data-driven techniques for inventory control, making them more proficient in managing inventory and minimizing financial loss. The course ensures an interactive and engaging learning experience, blending theoretical frameworks with real-life applications.

Course Duration

10 days

Course Objectives

- Understand the fundamental principles of inventory cycle counting and its role in modern supply chain management.
- Learn how to effectively reconcile discrepancies and perform adjustments for accurate financial reporting.
- Explore strategies for improving inventory accuracy and reducing stock discrepancies in real-time.
- Master the use of automated tools and technologies for conducting cycle counts and inventory audits.
- Develop a comprehensive understanding of inventory management software and its integration with cycle counting systems.
- Identify common issues and challenges during cycle counts and learn how to resolve them efficiently.
- Analyze data trends to improve the inventory reconciliation process and optimize stock control.
- Gain hands-on experience with real-world case studies to enhance practical understanding.
- Learn how to develop and implement an effective inventory cycle count schedule for large-scale operations.
- Understand the significance of ABC analysis in inventory cycle counting and its role in prioritizing counting efforts.
- Develop proficiency in handling high-volume and complex inventory environments.
- Improve data accuracy through reconciliation best practices to reduce human error and improve operational efficiency.
- Learn advanced techniques for cycle counting in multi-location or multi-channel inventory systems.

Target Audience

- Inventory Managers
- Warehouse Supervisors
- Supply Chain Professionals
- Logistics Coordinators
- Financial Controllers
- Retail Operations Managers
- IT Professionals working with inventory systems
- Operations Analysts

Course Modules

Module 1: Introduction to Inventory Cycle Counting

- Understanding inventory cycles
- Importance of accurate inventory counts
- Differences between cycle counts and physical counts
- Overview of cycle counting methods
- Case Study: Best practices from a large retail chain

Module 2: Reconciliation Techniques

- Key concepts in inventory reconciliation
- Identifying inventory discrepancies
- Process for adjusting stock records
- Case Study: Reconciliation success story from a manufacturing company
- Tools for inventory discrepancy tracking

Module 3: Technologies in Cycle Counting

- Overview of RFID and barcode systems
- Introduction to inventory management software
- Automating cycle counts for efficiency
- Integration with Enterprise Resource Planning (ERP) systems
- Case Study: Warehouse automation in a leading distribution center

Module 4: Best Practices for Accurate Cycle Counts

- Steps for preparing for an accurate cycle count
- Prioritization of high-value items
- Setting realistic count targets and timelines
- Training staff on cycle counting techniques
- Case Study: A retailer’s approach to maintaining counting accuracy

Module 5: Analyzing Inventory Data

- Methods for analyzing cycle count data
- Trends in inventory discrepancies
- Using predictive analytics to forecast inventory needs
- Case Study: Data-driven decisions in a global electronics retailer
- Tools for data-driven inventory management

Module 6: Handling Discrepancies and Exceptions

- Protocols for handling discrepancies
- Escalation procedures for inventory exceptions
- Investigating root causes of discrepancies
- Case Study: Reducing stock discrepancies in a wholesale operation
- Continuous improvement through feedback loops

Module 7: Developing an Inventory Cycle Count Schedule

- How to create a cycle counting schedule based on inventory needs
- Factors to consider for high-volume environments
- Balancing operational requirements with cycle count goals
- Case Study: Inventory management in a fast-moving consumer goods (FMCG) company
- Ensuring staff availability for efficient cycle counting

Module 8: Advanced Cycle Counting Techniques

- Implementing ABC classification for efficient cycle counts
- Cycle counting for multi-location operations
- Managing seasonal fluctuations in inventory
- Case Study: Seasonal cycle counting in a retail chain
- Cross-docking and its impact on cycle counting

Module 9: Error Reduction Strategies

- Human error reduction techniques during cycle counting
- Implementing technology to prevent data entry mistakes
- Cross-checking inventory counts
- Case Study: Reducing counting errors in a large warehouse
- Continuous training for accuracy

Module 10: Cross-Functional Collaboration

- Working with different departments
- Building a cross-functional team for cycle counting
- Sharing inventory data and insights across departments
- Case Study: Cross-functional collaboration at a global supply chain company
- Developing a company-wide culture of accuracy

Module 11: Compliance and Regulatory Standards

- Understanding compliance requirements for inventory management
- Industry standards for cycle counting and reconciliation
- Auditing inventory processes
- Case Study: Adapting cycle counting processes to meet regulatory standards
- Maintaining transparency and traceability

Module 12: Improving Inventory Visibility

- Importance of real-time inventory tracking
- Benefits of accurate inventory visibility
- Integrating real-time tracking systems
- Case Study: Improving visibility in a high-demand retail environment
- Technology's role in achieving inventory accuracy

Module 13: Risk Management in Cycle Counting

- Identifying potential risks in the cycle counting process
- Strategies to mitigate inventory-related risks
- Preparing for unexpected inventory challenges
- Case Study: Managing supply chain disruptions in a manufacturing facility
- Proactive risk mitigation planning

Module 14: Inventory Audits and Compliance

- Preparing for inventory audits
- Role of cycle counts in audit preparation
- Ensuring compliance with financial reporting standards
- Case Study: Audit preparation in a pharmaceutical distribution company
- Best practices for avoiding audit discrepancies

Module 15: Future Trends in Inventory Management

- The future of cycle counting and reconciliation
- The impact of Artificial Intelligence and Machine Learning on inventory management
- Predictive analytics in inventory forecasting
- Case Study: AI-powered inventory management in an e-commerce giant
- How blockchain could revolutionize inventory reconciliation

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/inventory-cycle-count-and-reconciliation-lab-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.