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)

Quality Management (QM) in ERP Systems 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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Quality Management (QM) in ERP Systems Training Course

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

Course Overview

Quality Management (QM) in ERP Systems Training Course equips professionals with the skills to implement, configure, and optimize QM modules in leading ERP platforms such as SAP, Oracle, and Microsoft Dynamics 365.

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

Quality Management (QM) in ERP Systems Training Course

Introduction

In today’s fast-paced digital economy, organizations are leveraging ERP systems to streamline operations, enhance quality control, and drive operational excellence. Quality Management (QM) in ERP integrates critical processes such as inventory management, production planning, compliance tracking, and real-time analytics, enabling businesses to deliver consistent, high-quality products. By adopting a robust QM framework within ERP systems, organizations can reduce defects, improve customer satisfaction, and ensure regulatory compliance across the supply chain.

Quality Management (QM) in ERP Systems Training Course equips professionals with the skills to implement, configure, and optimize QM modules in leading ERP platforms such as SAP, Oracle, and Microsoft Dynamics 365. Participants will gain practical insights into quality inspection processes, audit management, and continuous improvement strategies. Through case studies, interactive sessions, and real-time simulations, learners will master techniques to monitor KPIs, risk management, supplier quality, and process standardization, positioning themselves as key contributors to organizational quality transformation.

Course Duration

5 days

Course Objectives

- Understand the fundamentals of Quality Management in ERP systems
- Implement quality planning, inspection, and control processes

- Configure ERP QM modules for production and procurement
- Apply real-time quality analytics for data-driven decision-making
- Integrate supplier and vendor quality management in ERP
- Conduct internal audits and compliance monitoring effectively
- Optimize production process quality and reduce defects
- Master non-conformance and corrective action workflows
- Utilize quality dashboards and KPI tracking in ERP
- Apply continuous improvement and Lean Six Sigma principles
- Manage regulatory compliance and certification requirements
- Leverage case studies to identify and resolve quality bottlenecks
- Enhance cross-functional collaboration for enterprise-wide quality management

Target Audience

- Quality Managers and QA Professionals
- Production and Operations Managers
- ERP Functional Consultants
- Supply Chain and Procurement Specialists
- Manufacturing Engineers
- Compliance and Regulatory Officers
- IT Professionals implementing ERP systems
- Business Analysts focusing on process optimization

Course Modules

Module 1: Introduction to QM in ERP Systems

- Overview of ERP and QM integration
- Key quality management processes
- Benefits of QM in ERP
- Industry standards and best practices
- Case Study: Implementing QM in a mid-sized manufacturing firm

Module 2: Quality Planning & Inspection

- Quality planning in ERP workflows
- Inspection types and procedures
- Sampling and statistical process control
- Integration with production orders
- Case Study: Reducing defect rates in automotive parts manufacturing

Module 3: Material & Supplier Quality Management

- Vendor evaluation and selection
- Incoming material inspection
- Supplier quality audits
- Non-conformance management
- Case Study: Supplier quality improvement in electronics manufacturing

Module 4: Production Quality Control

- In-process inspections and checkpoints
- Quality notifications and defect tracking
- Root cause analysis tools
- Corrective and preventive actions (CAPA)
- Case Study: Lean manufacturing process optimization

Module 5: Compliance & Audit Management

- Regulatory compliance integration
- Audit planning and execution

- Documentation and reporting
- Risk management strategies
- Case Study: Achieving ISO 9001 certification in a pharmaceutical company

Module 6: Quality Analytics & KPI Management

- Designing quality dashboards
- Tracking key quality indicators
- Data-driven decision-making
- Predictive analytics for quality improvement
- Case Study: KPI-driven defect reduction in FMCG sector

Module 7: Continuous Improvement & Lean Six Sigma

- Lean principles and Six Sigma methodology
- Process optimization strategies
- Waste reduction techniques
- Integration with ERP workflows
- Case Study: Six Sigma project implementation in manufacturing

Module 8: Advanced QM Practices in ERP

- Automation and AI in quality management
- IoT-based quality monitoring
- Cross-functional quality collaboration
- ERP customization for advanced QM
- Case Study: Digital transformation in quality management using ERP

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/quality-management-qm-in-erp-systems-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.