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 Test Planning and Strategy 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

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

Tel: +254 724 527 104 | +254 734 969 612

Email: training@datastatresearch.org

www.datastatresearch.org

ERP Test Planning and Strategy Training Course

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

Course Overview

ERP Test Planning and Strategy Training Course is designed for professionals who want to master ERP testing frameworks, automation strategies, and quality assurance best practices, empowering organizations to achieve operational excellence and compliance.

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 Test Planning and Strategy Training Course

Introduction

In today’s digital era, ERP (Enterprise Resource Planning) systems are the backbone of organizational efficiency, integrating finance, HR, supply chain, and operations into a unified platform. Successful ERP implementation hinges on rigorous test planning, strategy formulation, and execution to minimize risks and ensure seamless business continuity. ERP Test Planning and Strategy Training Course is designed for professionals who want to master ERP testing frameworks, automation strategies, and quality assurance best practices, empowering organizations to achieve operational excellence and compliance.

This hands-on, practical course covers industry-standard ERP testing methodologies, from requirement analysis and test design to risk-based testing, automation, and defect management. Participants will gain a deep understanding of strategic test planning, learn to implement robust test frameworks, and analyze real-world ERP case studies for actionable insights. By the end of the program, learners will be equipped to drive ERP testing initiatives that reduce errors, enhance efficiency, and ensure successful ERP deployment.

Course Duration

5 days

Course Objectives

- Develop strategic ERP test plans aligned with organizational goals.
- Master risk-based and requirement-based testing techniques.
- Gain expertise in ERP test automation tools and frameworks.

- Learn end-to-end ERP testing lifecycle management.
- Understand integration and regression testing for ERP modules.
- Implement real-time defect tracking and management strategies.
- Apply industry-standard QA and compliance practices in ERP.
- Enhance data migration and validation testing skills.
- Execute performance, load, and stress testing for ERP systems.
- Conduct user acceptance testing (UAT) with stakeholder engagement.
- Analyze ERP test metrics, KPIs, and reporting techniques.
- Solve real-world challenges through ERP testing case studies.
- Optimize continuous testing and agile testing approaches in ERP projects.

Target Audience

- ERP Test Analysts
- QA and Testing Professionals
- Business Analysts in ERP projects
- Project Managers
- ERP Implementation Consultants
- IT Managers and Team Leads
- Software Developers involved in ERP customizations
- System Integrators and ERP Solution Architects

Course Modules

Module 1: Introduction to ERP Test Planning

- Overview of ERP systems and architecture
- Importance of ERP testing in digital transformation
- Key phases of ERP test planning
- Identifying test objectives, scope, and constraints
- Case Study: ERP failure due to inadequate test planning

Module 2: Requirement Analysis & Test Design

- Analyzing functional and technical requirements
- Designing test scenarios and cases
- Prioritizing test coverage based on risk
- Creating traceability matrices
- Case Study: Requirement gaps impacting ERP rollout

Module 3: Risk-Based Testing & Strategy

- Identifying and assessing ERP risks
- Developing risk mitigation plans
- Prioritizing critical ERP modules for testing
- Leveraging risk-based test execution techniques
- Case Study: Risk-based testing saving project costs

Module 4: ERP Test Automation

- Overview of automation tools
- Selecting test cases for automation
- Designing automation scripts and frameworks
- Continuous integration and automated regression testing
- Case Study: Automation reducing ERP deployment time

Module 5: Integration & Regression Testing

- ERP module integration strategies
- Regression testing methodologies
- Handling system dependencies and interfaces

- Tools for integration and regression testing
- Case Study: Successful multi-module ERP integration

Module 6: Data Migration & Validation Testing

- Planning data migration test strategies
- Validating master and transactional data
- Handling legacy system data challenges
- Data reconciliation and reporting techniques
- Case Study: Data migration errors and mitigation steps

Module 7: User Acceptance Testing (UAT)

- Planning UAT with business stakeholders
- Developing UAT scripts and checklists
- Tracking and resolving defects
- Measuring UAT success and sign-off criteria
- Case Study: UAT revealing critical ERP workflow issues

Module 8: Metrics, Reporting & Continuous Improvement

- ERP testing KPIs and success metrics
- Test execution reporting and dashboards
- Lessons learned and process improvement
- Continuous testing strategies in agile ERP projects
- Case Study: KPI-driven decision-making in ERP testing

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-test-planning-and-strategy-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.