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 Scripting and Extensions 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 Scripting and Extensions Training Course

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

Course Overview

ERP Scripting and Extensions Training Course provides hands-on expertise in ERP development, API integrations, and custom module creation, enabling participants to become strategic contributors in the ERP ecosystem

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 Scripting and Extensions Training Course

Introduction

In today’s dynamic business environment, ERP systems are the backbone of operational efficiency, driving digital transformation, automation, and process optimization. Mastering ERP scripting and extensions empowers professionals to customize workflows, enhance system performance, and unlock advanced functionality tailored to unique organizational needs. ERP Scripting and Extensions Training Course provides hands-on expertise in ERP development, API integrations, and custom module creation, enabling participants to become strategic contributors in the ERP ecosystem.

Designed for aspiring ERP developers, IT consultants, and system administrators, this training blends practical exercises, real-world case studies, and industry best practices to ensure mastery of ERP scripting languages, automation techniques, and extension frameworks. By the end of this course, participants will gain the skills to enhance ERP functionality, streamline business processes, and deliver measurable ROI through customized solutions that align with modern digital business strategies.

Course Duration

5 days

Course Objectives

- Master ERP scripting languages for efficient customization.
- Develop custom modules and extensions to enhance ERP functionality.
- Implement workflow automation for optimized business processes.

- Gain expertise in ERP APIs and integrations.
- Leverage data manipulation and reporting through scripts.
- Enhance system performance using advanced scripting techniques.
- Understand ERP security protocols and secure extension development.
- Learn error handling and debugging in ERP environments.
- Apply best practices in modular design for scalable solutions.
- Optimize user experience through customized forms and dashboards.
- Explore real-world ERP extension case studies for practical insights.
- Gain skills in version control and deployment of ERP scripts.
- Stay updated with emerging ERP trends like AI, RPA, and cloud extensions.

Target Audience

- ERP Developers & Programmers
- IT Consultants & Analysts
- System Administrators
- Business Process Managers
- Technical Leads & Architects
- ERP Implementation Specialists
- Project Managers in ERP projects
- Students & Professionals aiming for ERP specialization

Course Modules

Module 1: Introduction to ERP Scripting

- Overview of ERP systems & architecture
- Understanding ERP customization needs
- Introduction to scripting languages
- ERP scripting best practices
- Case Study: Automating invoice approval workflow

Module 2: ERP APIs & Integrations

- Introduction to ERP APIs
- Connecting ERP with third-party systems
- Data exchange protocols
- Handling authentication & security
- Case Study: Integrating CRM data into ERP

Module 3: Custom Module Development

- Designing custom modules
- Module lifecycle and deployment
- Script-based enhancements
- Performance considerations
- Case Study: Creating a custom HR leave management module

Module 4: Workflow Automation & Business Rules

- Automating repetitive tasks
- Configuring business rules via scripts
- Event-driven scripting
- Error handling in workflows
- Case Study: Automating purchase order approvals

Module 5: Advanced Reporting & Data Manipulation

- Script-based data extraction
- Creating dynamic reports
- Data visualization techniques

- Scheduling and automation of reports
- Case Study: Real-time sales analytics dashboard

Module 6: Security & Compliance in ERP Extensions

- User roles & permissions
- Secure coding practices
- Data privacy & compliance
- Audit trails and monitoring scripts
- Case Study: GDPR-compliant data extension

Module 7: Debugging, Testing & Deployment

- Debugging scripts efficiently
- Unit & integration testing
- Deployment strategies
- Rollback and version control
- Case Study: Troubleshooting failed batch jobs

Module 8: Emerging Trends & Future of ERP Extensions

- Cloud-based ERP scripting
- AI & RPA in ERP automation
- Mobile ERP extensions
- Performance optimization techniques
- Case Study: Implementing AI-powered predictive maintenance

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-scripting-and-extensions-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.