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)

Low-Code/No-Code ERP Extensions (Power Platform) 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

Low-Code/No-Code ERP Extensions (Power Platform) Training Course

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

Course Overview

Low-Code/No-Code (LCNC) ERP extensions powered by Microsoft Power Platform offer an innovative solution, enabling businesses to streamline workflows, optimize operations, and enhance productivity with minimal technical barriers.

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

Low-Code/No-Code ERP Extensions (Power Platform) Training Course

Introduction

The rapidly evolving digital landscape has made automation, agility, and data-driven decision-making crucial for business success. Organizations are increasingly seeking efficient ways to extend and customize their ERP systems without heavy reliance on traditional coding. Low-Code/No-Code (LCNC) ERP extensions powered by Microsoft Power Platform offer an innovative solution, enabling businesses to streamline workflows, optimize operations, and enhance productivity with minimal technical barriers. Low-Code/No-Code ERP Extensions (Power Platform) Training Course empowers professionals to harness the full potential of Power Apps, Power Automate, Power BI, and Power Virtual Agents to create scalable, business-focused ERP extensions.

Designed for both business users and technical professionals, this training emphasizes practical implementation, real-world case studies, and hands-on labs. Participants will learn to rapidly develop custom applications, automate processes, and generate actionable insights, transforming traditional ERP systems into agile, intelligent platforms. By combining strategic insights, low-code development best practices, and process optimization techniques, this course ensures participants gain in-demand skills for digital transformation, workflow automation, and enterprise innovation.

Course Duration

5 days

Course Objectives

- Build custom ERP applications using low-code Power Apps.

- Automate repetitive ERP workflows with Power Automate.
- Visualize and analyze ERP data using Power BI dashboards.
- Develop conversational bots with Power Virtual Agents for ERP support.
- Integrate ERP systems with other cloud applications.
- Optimize business processes through workflow automation.
- Apply best practices for security and compliance in ERP extensions.
- Accelerate digital transformation using citizen developer approaches.
- Enhance ERP user experiences with responsive, mobile-ready applications.
- Implement real-time alerts and notifications for ERP systems.
- Troubleshoot and debug low-code ERP solutions efficiently.
- Leverage AI and machine learning components in ERP automation.
- Evaluate ROI and performance metrics for ERP extension projects.

Target Audience

- ERP Consultants & Analysts
- IT Professionals & Developers
- Business Process Managers
- Citizen Developers & Power Users
- Project Managers in ERP Implementations
- Digital Transformation Leaders
- System Integrators
- Small & Medium Business Owners

Course Modules

Module 1: Introduction to Low-Code/No-Code ERP Extensions

- Understanding Low-Code/No-Code principles
- Overview of Microsoft Power Platform
- Benefits of LCNC in ERP systems
- Citizen development framework
- Case Study: Streamlining procurement processes in a manufacturing company

Module 2: Building ERP Applications with Power Apps

- Canvas vs. Model-driven apps
- Connecting Power Apps to ERP data sources
- User interface and form customization
- App deployment best practices
- Case Study: Sales order management app for a retail company

Module 3: Automating ERP Workflows with Power Automate

- Workflow automation fundamentals
- Creating approval flows and notifications
- Integration with ERP and external apps
- Error handling and monitoring
- Case Study: Automating invoice processing in a finance department

Module 4: Analyzing ERP Data with Power BI

- Data modeling and visualization
- Creating interactive dashboards
- Power BI for real-time ERP reporting
- Data security and sharing
- Case Study: Executive dashboard for inventory optimization

Module 5: Building ERP Chatbots with Power Virtual Agents

- Designing conversational flows

- Connecting bots to ERP data
- FAQs and knowledge base integration
- AI-powered responses
- Case Study: Customer service chatbot for a distribution company

Module 6: Integrating ERP Systems & External Apps

- API and connector basics
- Automating cross-system workflows
- Real-time data sync
- Error handling in integrations
- Case Study: Integrating CRM and ERP systems for order management

Module 7: Security, Compliance, and Governance

- Role-based access control
- Data privacy and GDPR compliance
- Monitoring and auditing extensions
- Best practices for enterprise deployments
- Case Study: Ensuring compliance in HR ERP automation

Module 8: Advanced ERP Extensions & AI/Analytics

- AI Builder for predictive insights
- Machine learning integration
- Optimizing ERP processes with AI
- Evaluating ROI and performance metrics
- Case Study: Predictive maintenance using ERP data

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/low-code-no-code-erp-extensions-power-platform-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.