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

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

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.

Programme Curriculum

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5 days

Course Objectives

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

Target Audience

1. ERP Consultants & Analysts
2. IT Professionals & Developers
3. Business Process Managers
4. Citizen Developers & Power Users
5. Project Managers in ERP Implementations
6. Digital Transformation Leaders
7. System Integrators
8. 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@fineskilltrainingcenter.org or call +254769199797

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 Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price

23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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