MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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PL-7003: CREATE AND MANAGE MODEL-DRIVEN APPS WITH POWER APPS AND DATAVERSE

"Build Robust Business Applications with Low-Code Development Tools in Microsoft Power Platform"

Schedule

Date	Venue	Fees (Online)
01 – 03 Dec 2026	Online	USD 1000 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Model-driven apps in Microsoft Power Apps offer a powerful way to design enterprise-grade solutions with minimal code. Built on top of Microsoft Dataverse, these apps allow organizations to rapidly create scalable applications that automate processes, enhance productivity, and integrate deeply with Microsoft 365, Dynamics 365, and Azure services.

This 3-day instructor-led course is designed to provide participants with hands-on experience in creating, customizing, and managing model-driven apps. Participants will learn how to configure Dataverse, define data models, implement business logic, build responsive user interfaces, and deploy solutions that align with business requirements.

Objectives

By the end of this course, participants will be able to:

- Design and build model-driven apps using Power Apps and Dataverse
- Customize tables, relationships, forms, views, and business rules
- Implement security roles and manage user access
- Configure business process flows and automation with Power Automate
- Deploy and manage apps across environments using solution management

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Why Attend

- Gain practical skills in Microsoft Power Platform app development
- Accelerate digital transformation with low-code tools
- Enable your organization to build enterprise apps without traditional programming
- Prepare for Microsoft’s PL-7003 certification exam
- Learn from real-world scenarios and best practices

Target Audience

This program is designed for:

- App makers, solution architects, and functional consultants
- IT professionals and business analysts involved in digital transformation
- Power Platform developers and Microsoft 365 administrators
- Anyone seeking certification in Microsoft’s Power Apps ecosystem

Individual Benefits

Key competencies that will be developed include:

- App design using Power Apps model-driven architecture
- Dataverse schema configuration and data governance
- Automation with Power Automate and integration with Microsoft services
- Low-code customization, security configuration, and user experience design
- App lifecycle and solution management

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Faster delivery of enterprise-grade business apps
- Reduced reliance on traditional development cycles
- Improved process efficiency through automation and custom workflows
- Better alignment between business needs and technical solutions
- More scalable and secure app architecture using Microsoft Dataverse

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Key concepts in Power Apps, Dataverse, and app architecture
- Case Studies – Industry-specific examples of model-driven app solutions
- Workshops – Hands-on configuration of tables, forms, automation, and user roles
- Peer Exchange – Group collaboration and shared learning across industries
- Tools – Microsoft Learn resources, templates, and Dataverse customization guides

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Course Outline

Detailed 3-Day Course Outline

Delivery Format: Online (Live) | Platform: Zoom, WebEx, or Microsoft Teams **Training Hours:** 07:30 AM – 03:30 PM (GMT+4) **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Break: 01:00 – 02:00

Day 1: Introduction to Model-Driven Apps and Dataverse

- Module 1: Overview of Power Platform and Model-Driven Apps (07:30 – 09:30) • What are model-driven apps and why use them? • Comparing canvas vs model-driven architecture
- Module 2: Dataverse Tables, Columns, and Relationships (09:45 – 11:15) • Creating and customizing data structures
- Module 3: Workshop – Build a Basic Dataverse Schema (11:30 – 01:00) • Hands-on setup of entities, fields, and lookups
- Module 4: Case Study – Using Dataverse in Business Apps (02:00 – 03:30) • Exploring real implementations of Dataverse

Day 2: App Components and Business Logic

- Module 5: Forms, Views, and Dashboards (07:30 – 09:30) • User interface design and visualization tools
- Module 6: Business Rules and Calculated Fields (09:45 – 11:15) • Enforcing logic without code
- Module 7: Workshop – Configure Business Rules (11:30 – 01:00) • Apply conditional logic to forms
- Module 8: Case Study – Automating Business Policies (02:00 – 03:30) • Review of customer use cases

Day 3: Security, Automation, and Deployment

- Module 9: Security Roles and Field-Level Access (07:30 – 09:30) • User access control and environment permissions
- Module 10: Automating Workflows with Power Automate (09:45 – 11:15) • Designing flows for common business processes
- Module 11: Workshop – Build and Trigger a Power Automate Flow (11:30 – 01:00) • Integrate automation into your app
- Module 12: Solution Management and Deployment (02:00 – 03:30) • App lifecycle, exporting solutions, and ALM

Certification

Participants will receive a Certificate of Completion in Model-Driven Apps with Power Apps & Dataverse, validating their capability to create enterprise-ready apps using Microsoft's Power Platform. This course also supports preparation for Microsoft PL-7003 certification.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

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