

From Power Apps to Power BI – A Complete Guide to Low-Code Transformation

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Course Overview

This Microsoft Power Platform training program equips professionals with the knowledge and skills to create business apps, automate workflows, analyze data, and manage secure data environments using Microsoft's low-code ecosystem. Participants will gain hands-on experience across Power Apps, Power Automate, Power BI, and Dataverse, while also preparing for certification tracks including PL-900, PL-200, and PL-400.

The program combines theoretical foundations, industry case studies, and practical labs, using content and strategies aligned with Administering a Low-Code Development Environment, The Creator's Manual for Power Apps, Application Modernization with Power Platform, and the official Power Platform Licensing Guides. This balance ensures participants not only learn technical skills but also understand licensing, governance, and digital transformation strategies.

Target Audience

- Business Analysts and Data Analysts
- IT Managers and System Administrators
- Application Developers Citizen and Professional
- Process Automation Specialists
- Digital Transformation Leaders
- Professionals pursuing Microsoft Power Platform certification

Targeted Organizational Departments

- IT and Digital Transformation Units
- Business Intelligence and Analytics Teams
- Operations and Workflow Management
- Finance and Reporting Departments
- Customer Experience and CRM Teams
- Governance and Compliance Divisions

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Targeted Industries

- Financial Services
- Healthcare
- Retail and E-commerce
- Manufacturing
- Government and Public Sector
- Professional Services

Course Offerings

By completing this course, participants will be able to:

- Develop apps with Power Apps for business process automation
- Build workflows and robotic process automation with Power Automate
- Analyze and visualize data with Power BI for decision-making
- Manage secure and scalable data environments using Dataverse
- Apply low-code strategies to modernize legacy applications
- Align with Microsoft Power Platform licensing, governance, and compliance best practices
- Prepare for PL-900, PL-200, and PL-400 certification exams

Training Methodology

The course employs a blended methodology of interactive lectures, case studies, hands-on labs, group collaboration, and reflection sessions. Participants will design apps, automate workflows, build BI dashboards, and model data in practical exercises. Each day ends with reflection and review to reinforce knowledge and encourage application in participants' professional environments.

Course Toolbox

- Workbooks and digital checklists
- Power Apps and Power Automate templates
- Power BI datasets for practice
- Licensing and governance cheat-sheets
- Certification exam prep outlines PL-900, PL-200, PL-400
- Case studies and sample projects

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Course Agenda

Day 1: Power Platform Foundations and Low-Code Development

- **Topic 1:** Introduction to Microsoft Power Platform training
- **Topic 2:** Core components: Power Apps, Power Automate, Power BI, Dataverse
- **Topic 3:** Understanding low-code development course concepts
- **Topic 4:** Power Platform licensing and governance essentials
- **Topic 5:** Business apps with Power Platform: Use cases across industries
- **Topic 6:** Preparing for PL-900 exam prep: Fundamentals
- **Reflection & Review:** Linking low-code strategies to digital transformation

Day 2: Building Apps with Power Apps

- **Topic 1:** Power Apps course introduction: Canvas vs. Model-driven apps
- **Topic 2:** Designing user-friendly business apps with connectors
- **Topic 3:** Dataverse integration for secure data management
- **Topic 4:** Power Apps portals and external engagement
- **Topic 5:** Adding AI Builder for intelligent apps
- **Topic 6:** Certification alignment: PL-900 and PL-200 focus
- **Reflection & Review:** Hands-on app creation and lessons learned

Day 3: Workflow Automation with Power Automate

- **Topic 1:** Power Automate training basics: Triggers and flows
- **Topic 2:** Advanced workflows: Approvals and multi-step automation
- **Topic 3:** Robotic Process Automation RPA and unattended bots
- **Topic 4:** Workflow automation with Power Automate in Microsoft 365
- **Topic 5:** Process optimization with Power Automate and Dataverse
- **Topic 6:** Preparing for PL-200 functional consultant training
- **Reflection & Review:** Building automation solutions and reviewing impact

Day 4: Data Insights with Power BI

- **Topic 1:** Power BI training course introduction: Dashboards and reports
- **Topic 2:** Data modeling and DAX fundamentals
- **Topic 3:** Advanced visualization techniques and storytelling
- **Topic 4:** Real-time analytics and AI-driven insights with Power BI
- **Topic 5:** Industry-specific reporting use cases for finance, healthcare, retail
- **Topic 6:** Preparing for PL-400 developer course: Integration and customization
- **Reflection & Review:** Data insights project presentations

Day 5: Dataverse and Enterprise Integration

- **Topic 1:** Dataverse training: Architecture and security features
- **Topic 2:** Data modeling and best practices in Dataverse
- **Topic 3:** Managed Environments for governance at scale
- **Topic 4:** Integrating Power Platform with legacy and external systems
- **Topic 5:** Strategies for scaling low-code solutions across organizations
- **Topic 6:** Roadmap for digital transformation with Microsoft Power Platform
- **Reflection & Review:** Final project demonstrations and course wrap-up

FAQ

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

No prior coding experience is required. Familiarity with Microsoft 365 or Dynamics 365 is beneficial.

How long is each day's session, and is there a total number of hours required for the entire course?

Each session runs 4–5 hours with breaks, totaling 20–25 hours over 1 week.

Is Power Platform licensing included in the course?

Licenses are not included. Instead, participants receive insights and case studies based on Microsoft's official licensing guides.

How This Course is Different from Other Power Platform Courses

This course uniquely integrates case studies, official Microsoft licensing and governance insights, and certification-aligned content. Participants gain hands-on experience rooted in authoritative resources such as Administering a Low-Code Development Environment, The Creator's Manual for Power Apps, Application Modernization with Power Platform, and the Power Platform Licensing Guides.

It emphasizes corporate and cross-departmental applications, preparing participants to implement secure, scalable, and impactful solutions with Microsoft Power Platform. This practical and certification-focused approach sets it apart from other programs.

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- Certified Courses By International Bodies
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- Crisis Management and Business Continuity Training Courses
- Data Analytics Training and Data Science Courses
- Digital Government & Public Service Training Courses
- Education and Learning Development Training Courses
- Environment & Sustainability Training Courses
- Facilities and Real Estate Training Courses
- Finance and Accounting Training Courses
- Governance, Risk and Compliance Training Courses
- Healthcare Management Training Courses
- Heritage Conservation and Museum Management Training Courses
- Hospitality and Tourism Training Courses
- Human Resources Training and Development Courses
- IT Security Training & IT Training Courses
- Leadership and Management Training Courses
- Legal Training, Procurement and Contracting Courses
- Maintenance Training and Engineering Training Courses
- Marketing, Customer Relations, and Sales Courses
- NGO, Humanitarian and Development Management Training Courses
- Occupational Health, Safety and Security Training Courses
- Oil & Gas Training and Other Technical Courses
- Personal & Self-Development Training Courses

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