



MICROSOFT TRAINING

Advancing Power Bi Automate Ai Builder Course

Master Power BI, Power Automate, and AI Builder to automate data insights and build intelligent business solutions.

DURATION

56 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This "Advancing Power Bi Automate Ai Builder Course" is meticulously designed for professionals seeking to elevate their data analysis and process automation capabilities using Microsoft's powerful low-code ecosystem. You will delve deep into the synergistic integration of Power BI for sophisticated data visualization and insight generation, Power Automate for intelligent workflow automation, and AI Builder to infuse artificial intelligence into your business processes without extensive coding. This course moves beyond basic usage, focusing on advanced techniques to build comprehensive, data-driven solutions that respond dynamically to business needs and insights. By mastering these interconnected technologies, you will transform raw data into actionable intelligence and automate complex operational workflows. The curriculum emphasizes practical, real-world application, ensuring you gain hands-on experience in building predictive models, automating report distribution, processing unstructured data with AI, and orchestrating intelligent business processes. You will learn to design and implement end-to-end solutions that drive efficiency, reduce manual effort, and significantly improve decision-making across an organization. Upon completion, you will be equipped to tackle complex business challenges by leveraging the full potential of the Microsoft Power Platform, positioning yourself as an invaluable asset in any data-driven enterprise. This expertise not only enhances your current role but also opens doors to specialized positions that demand a blend of analytical prowess, automation skills, and AI implementation knowledge.

Duration	56 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Advanced Power BI Foundations & Integration Strategies

- Power Platform Ecosystem Overview and Interoperability
- Advanced Data Modeling Techniques in Power BI (Star Schema, Snowflake)
- Complex DAX Functions and Optimization for Performance
- Connecting Power BI to Diverse Data Sources (APIs, Azure Services)
- Power BI Governance, Security, and Row-Level Security (RLS)
- Introduction to Power Automate and AI Builder within the Power Platform context

02 Module 2: Mastering Power Automate for Data-Driven Workflows

- Building Advanced Cloud Flows and Desktop Flows (RPA)
- Conditional Logic, Loops, and Error Handling in Power Automate
- Working with Custom Connectors and API Integrations
- Automating Report Distribution and Power BI Data Alerts
- Leveraging Power Automate for Data Preparation and Transformation
- Implementing Approval Workflows and Business Process Flows (BPF)

03 Module 3: AI Builder in Practice: Intelligent Process Automation

- Deep Dive into AI Builder Capabilities and Model Types (Prediction, Form Processing)
- Training and Publishing Custom AI Builder Models
- Integrating AI Builder Models into Power Automate Flows
- Automating Document Processing and Data Extraction with Form Processing AI
- Utilizing Object Detection and Text Recognition Models
- Best Practices for Designing AI-Powered Automation Solutions

Module 4: End-to-End Solution Design and Deployment

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- Designing Comprehensive Solutions Integrating Power BI, Power Automate, and AI Builder
 - Data Loss Prevention (DLP) Policies and Environment Management
 - Solution Deployment Strategies and Application Lifecycle Management (ALM)
 - Monitoring and Troubleshooting Power Platform Solutions
 - Performance Optimization and Scalability Considerations
 - Case Studies: Real-World Scenarios and Best Practices for Implementation

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Power Platform Solution Architect**
- > **Data Automation Specialist**
- > **Intelligent Process Automation Consultant**

FREQUENTLY ASKED QUESTIONS

Q: What specific prerequisites are recommended for enrollment in this 'Advancing Power BI Automate AI Builder Course'?

This course is designed for individuals with an intermediate understanding of Power BI fundamentals, including basic data modeling, DAX, and report creation. Familiarity with general data concepts and an awareness of business processes are also beneficial, as the course rapidly advances into complex integrations and intelligent automation.

Q: How will mastering the integration of Power BI, Power Automate, and AI Builder specifically enhance my career growth beyond a standard BI role?

Beyond traditional BI roles, this course transforms you into an 'Intelligent Automation Specialist' or 'Power Platform Solution Architect'. You'll gain the ability to not only visualize data but also build end-to-end solutions that automate decisions, process unstructured data, and trigger workflows based on AI-driven insights, making you indispensable in driving digital transformation initiatives and fostering operational efficiency.

Q: What unique problem-solving skills will I acquire by completing this specific course?

You will develop unique skills in orchestrating intelligent business solutions, such as automating invoice processing from scanned documents using AI Builder and Power Automate, dynamically updating Power BI dashboards based on real-time process events, or building predictive analytics into automated workflows to proactively address business challenges. This course focuses on complex, integrated problem-solving scenarios.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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