

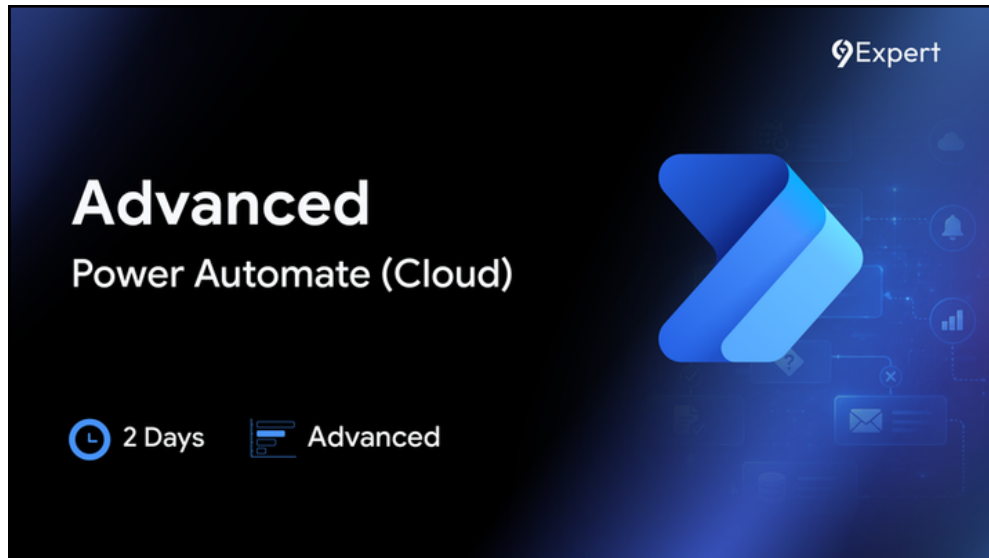


ADVANCED POWER AUTOMATE (CLOUD)

Course ID : PAM-CLD-ADV



Scan for Details
on Our [Website](#)



Duration: 2 Days

(12 Hours) 09:00 AM – 04:00 PM



Price: 10,900 THB

* (excluding VAT 7%)

* Eligible for 200% tax deduction



Training Schedule

www.9experttraining.com

Category: Power Platform, Robotic Process Automation

This course provides an in-depth exploration of advanced business process automation using Microsoft Power Automate. Participants will learn to integrate Power Automate with Microsoft 365 services, document workflows, manage data processes, leverage AI-driven capabilities, and extend automation through custom connectors and third-party APIs. By the end of the course, learners will be equipped to design and manage complex automation solutions that significantly improve operational efficiency and organizational productivity.

Objectives

1. Design and manage advanced workflow automation
2. Handle both structured and unstructured data effectively
3. Automate document workflows, including PDF processing
4. Integrate Power Automate with Microsoft Teams for enhanced collaboration
5. Utilize AI Builder to incorporate AI-driven capabilities

Target Audience

1. Users who already have experience with Power Automate (Cloud)
2. Professionals looking to work with APIs and JSON data
3. Individuals interested in building chatbot systems within Microsoft Teams
4. Users seeking to integrate Power Automate with APIs and AI Builder to create advanced automation solutions

Prerequisites

1. Prior experience with Power Automate (Cloud).
(If you are a beginner, attending “Power Automate (Cloud) for Business Automation” is recommended.)
2. Basic understanding of core control flows, including Conditions and Loops
3. Familiarity with working with variables

System Requirements

- Windows 10 or 11
- Microsoft 365 license (Business Basic or higher)
- Latest version of Google Chrome or Microsoft Edge
- Stable internet connection

TRAINING TOPICS

DAY 1 Morning Session

9:00 AM – 12:00 PM

1. Power Automate for Business Automation

2. Workflow Types and Practical Use Cases

3. Workflow Control Techniques

- Advanced branching with IF and SWITCH actions
- Utilizing variables for dynamic workflows
- Implementing loops for repeated operations

4. Integration with Microsoft SharePoint and OneDrive

- Managing data using SharePoint Lists
- Handling files and images within SharePoint
- Sharing files with proper permission settings

5. Working with Microsoft Entra ID via the Office365 Users Connector

- Retrieving user profile metadata
- Identifying user managers through directory lookup



DAY 1 Afternoon Session

1:00 PM – 4:00 PM

6. File Handling in Power Automate

- Managing and processing file attachments
- Understanding and decoding file content
- Handling workflows involving multiple files

7. Introduction to JSON

- Understanding JSON fundamentals and its importance in automation
- Parsing JSON using the Parse JSON action
- Working with data structures containing multiple files
- Case Study : Automating personalized emails distribution with multiple attachments

8. Microsoft Teams Integration

- Integrating Power Automate with Microsoft Teams
- Sending chat messages and rich adaptive messages

9. Building Chatbots with Power Automate

- Case Study : Automated real-time inventory check through Microsoft Teams

10. Working with PDF and Microsoft Word

- Creating PDF documents without using Premium connectors
- Case Study : Automating contract creation with Word templates
- Case Study : Generating personalized PDF reports from predefined templates

11. AI Integration

- Introduction to AI Builder
- Extracting data from PDF and PNG invoices using AI Builder
- Case Study : Automatically recording purchase order data into SharePoint

12. Creating Custom Connectors for Organizational Use

- Designing and deploying custom connectors tailored to organizational needs

13. Connecting to Third-Party APIs (with Case Studies)

- Example : Bank of Thailand Exchange Rate API
- Example : LINE API and LINE Notify
- Example : ChatGPT / Azure OpenAI API
- Case Study : Sending automated notifications through LINE

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