



INNOVATION ANYWHERE WITH MICROSOFT POWER PLATFORM

Course ID : POWER-PF



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Duration: 4 Days

(24 Hours) 09:00 AM – 04:00 PM



Price: Call (Inhouse training only)

* (excluding VAT 7%)

* Eligible for 200% tax deduction



Training Schedule

www.9experttraining.com

Category: Power Platform, RPA

This course provides an overview of Power Apps, Power Automate, and Power BI, highlighting how these tools integration to drive practical business solutions. Participants will engage in interactive workshops and case studies tailored for beginners exploring the Microsoft Power Platform. The platform empowers user to analyze data, develop solutions, automate workflows, and foster innovation with minimal coding by leveraging AI and a wide range of data connectors. Power Platform capabilities are available to Microsoft 365 users at no additional cost.

Objectives

1. Understand the core capabilities of the Microsoft Power Platform.
2. Develop functional applications using Power Apps.
3. Build and automate workflows with Power Automate, applying concepts of Robotic Process Automation (RPA).
4. Create interactive reports and perform data analytics using Power BI.

Target Audience

1. IT Directors and IT Management
2. Power Users looking to leverage the Power Platform across Intake – Process – Insight workflows
3. Business Analytics professionals

Prerequisites

1. No prior experience with Power Apps, Power BI, or Power Automate is required.
2. Familiarity with Microsoft 365 applications such as Excel and OneDrive is recommended.

System Requirements

For Mobile / Tablet :

- iOS 12 or later
- Android 7 or later

For Desktop :

- Latest version of Google Chrome or Microsoft Edge
- Latest version of Microsoft Power BI Desktop
- Stable internet connection

TRAINING TOPICS



DAY 1 Morning Session

9:00 AM – 12:00 PM

1. Introduction to Microsoft Power Platform

- Exploring the core components of Power Platform : Power Apps, Power Automate, Power BI and Power Virtual Agents
- Understanding available connectors, including Standard and Premium Connectors
- Registration and performing initial setup

2. Getting Started with Power Apps

- Introduction to Power Apps and its application types
- Understanding and managing screens in Power Apps
- Navigating and designing within Power Apps Studio



DAY 1 Afternoon Session

1:00 PM – 4:00 PM

- Designing Canvas Power Apps for mobile and tablet devices
- Configuring app settings and properties
- Creating apps from data sources such as SharePoint and Excel
- Publishing and utilizing Power Apps effectively

3. Case Study

- Building an inventory management app - managing product lists and integrating camera images

4. Getting Started with Power Automate

- Understanding Power Automate and its role within the Microsoft Power Platform
- Registering and accessing the platform
- Overview of licensing and subscription options

5. Workflow Types and Action Creation

- Creating automated flows
- Creating instant flows
- Creating scheduled flows
- Creating desktop flows
- Creating business process flows

6. Implementing Workflows in Power Automate

7. Working with Excel Online

8. Configuring mobile notifications and email alerts

9. Integrating workflows with Power Apps and Power BI

10. Case Study

- Creating a workflow to recording inventory data in Excel Online

11. Getting Started with Power BI

- Understanding Power BI and the concept of business intelligence
- Registering and accessing Power BI Service
- Installing and using Power BI Desktop
- Reviewing system requirements for optimal performance

12. Data Transformation with Power Query

- Applying common data transformation techniques
- Handling unstructured or poorly structured data effectively

13. Data Modeling and Formatting in Power BI

- Managing data relationships and model structures
- Introduction to DAX (Data Analytic Expressions) : Calculated Columns and Measures
- Formatting and transforming data for reporting
- Creating and managing hierarchies

14. Dashboard Creation and Visualization

- Building interactive dashboards using Power BI visualization tools

15. Publishing Reports to Power BI Service

16. Power Platform Case Studies

- Building an inventory management app with Power Apps
- Creating workflows to recording data in Excel using Power Automate
- Displaying Excel-based data in Power BI reports
- Designing mobile-friendly dashboards



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