Microsoft Power Apps

Category: Business Applications | **Vendor:** Microsoft

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This full-day workshop provides participants with a practical introduction to building business applications using Microsoft Power Apps. Attendees will learn how to create, customise, and manage Canvas Apps within the Microsoft Power Platform ecosystem, using data sources such as SharePoint, Excel, and Dataverse.

The course covers the fundamentals of app design, user interface development, Power Fx formulas, data handling, automation features, and app deployment best practices. Through hands-on exercises and guided demonstrations, participants will gain the skills needed to develop responsive business applications that improve productivity and streamline business processes.

About This Course

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Who Should Attend

This course is suitable for: Business users looking to build simple business applications without traditional coding Business Analysts and Process Improvement teams IT support staff and system administrators Power Users of Microsoft 365 Digital transformation and innovation teams Project Managers and Operations teams Professionals responsible for workflow improvement and data collection Anyone interested in learning low-code application development using the Microsoft Power Platform The course is ideal for organisations seeking to improve efficiency through rapid application development and business process digitisation.

Prerequisites & Entry Requirements

General Prerequisites:

To get the most value from this course, participants should have:

- Basic computer and digital literacy skills
- Familiarity with Microsoft 365 applications such as Excel, SharePoint, and Teams
- General understanding of business processes and data handling
- Basic knowledge of spreadsheets or data tables

Helpful but not essential:

- Previous exposure to Microsoft Power Platform technologies
- Basic understanding of databases or forms-based applications

No programming experience is required.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

- Understand the Microsoft Power Platform ecosystem and the role of Power Apps
- Differentiate between Canvas Apps and Model-Driven Apps
- Navigate and use the Power Apps Studio development environment
- Connect Power Apps to common data sources including SharePoint, Excel, and Dataverse
- Build and customise Canvas Apps using screens, controls, galleries, and forms
- Implement navigation and responsive user interface design
- Use Power Fx formulas to create app logic and manipulate data
- Perform Create, Read, Update, and Delete (CRUD) operations within apps
- Work with collections, variables, and conditional logic
- Integrate media and device capabilities such as camera and GPS controls
- Test, troubleshoot, and debug Power Apps solutions
- Deploy, share, and manage Power Apps securely within an organisation
- Apply best practices for app maintenance and environment management within the Power Platform ecosystem

Detailed Course Outline

Module 1: Getting Started with Canvas Apps

Power Apps Studio and User Interface

● Navigating the Power Apps Studio

● Understanding Screens, Controls, and Properties

Connecting to Data Sources

● Overview of Common Data Sources (SharePoint, Excel, Dataverse)

● Creating a Basic Connection

Fundamentals of App Creation

● Generating an App from Data

● Working with Different Screen Templates

Module 2: Building and Customising User

Interfaces

Core Controls and Input Methods

Utilizing Text Inputs, Buttons, Labels, and Images

● Working with Galleries and Forms

● Implementing Navigation between Screens

Enhancing User Experience

● Applying Theming and Branding

● Responsive Design Considerations

Module 3: Introducing Power Fx (Formulas)

Essential Power Fx Concepts

Understanding Syntax and Variables

● Working with Basic Functions (Set, UpdateContext)

Data Manipulation and Logic

● Filtering, Sorting, and Searching Data

● Patching Data for Create, Read, Update, and Delete (CRUD) Operations

● Implementing Conditional Logic

Module 4: Advanced App Features

Working with Collections

● Creating and Managing Local Data Collections

● Manipulating Collection Data using Formulas

Integrating Media and Location

● Incorporating Camera, Barcode Scanner, and GPS Controls

Error Handling and Debugging

● Techniques for Identifying and Resolving App Errors

Module 5: Deployment and Management

Testing and Validation

● Strategies for thorough App Testing

Sharing and Permissions

● Managing App Access and Security

● Understanding Data Source Permissions

App Maintenance and Environment Management

● Exporting and Importing Apps

- Introduction to Environments in Power Platform

Additional Course Details

Nexus Humans Microsoft Power Apps training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Microsoft Power Apps course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Microsoft Power Apps ?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day Microsoft Power Apps course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Microsoft Power Apps training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Microsoft Power Apps ?

Yes, we provide corporate training, dedicated training, and closed classes for Microsoft Power Apps . Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Microsoft Power Apps ?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Microsoft Power Apps training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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