

Microsoft Power Pages

Advance

Duration: 32 Hours (4 Days)

Pre-requisites: Power Platform Fundamental knowledge is required along with understanding of HTML/CSS/JavaScript

Course Overview:

For years, Power Apps portals have offered users an end-to-end experience to create external portals quickly and confidently, and customize them with pages, layouts, and content. As a new, standalone product, **Microsoft Power Pages** empowers anyone, regardless of their technical background, with an effective platform to create data-powered, modern, and secure websites.

This course is designed keeping in mind the professionals from all backgrounds - hence we cover everything from basics, and gradually progress towards advanced topics.

Modules:

Learning Path 1: Get Started with Power Pages

- Module 1: Core Components of Power Pages
 - Introduction to Power Pages
 - Get started with Power Pages
 - Core tools and components of Power Pages
 - Overview of Power Pages Security
 - Overview of Power Pages Extensibility
- Module 2: Explore Power Pages Templates
 - Introduction to site templates in Power Pages
 - Site Design Templates
 - Scenario-based templates
 - Dynamics 365 Power Pages site templates
- Module 3: Explore Power Pages design studio
 - Introduction to Power Pages Design Studio
 - Work with Pages
 - Page components

- Site Styling and templates
- Exercise: Edit Pages
- Module 4: Explore Power Pages design studio data and security features
 - Introduction into Power Pages design studio data and security features
 - Data workspace in Power Pages design studio
 - Power Pages security features
 - Exercise - secure Dataverse data access

Learning Path 2: Work with Power Pages websites

- Module 1: Work with Power Pages metadata
 - Power Pages metadata
 - Webpages
 - Power Pages templates
 - Exercise - Build side navigation
- Module 2: Integrate Power Pages websites with Dataverse
 - Basic form configuration
 - Multistep form processes
 - Set up multistep forms
 - Extend lists and forms
 - Exercise - Extend forms with more actions
- Module 3: Work with Liquid template language in Power Pages
 - Liquid basics
 - Access Dataverse data
 - Data security and Liquid
 - Exercise - Display a list of accounts
- Module 4: Set up Power Pages Security
 - Secure static content
 - Table permissions
 - Exercise - Apply table permissions
- Module 5: Build user experience in Power Pages
 - Multilingual content
 - Reusable content in Power Pages
 - Power Pages website structure and navigation
 - Portal themes
 - Content search
 - Compliance in Power Pages

Learning Path 3: Extend Power Pages

- Module 1: Access Dataverse in Power Pages websites
 - Use lists to display multiple Dataverse records
 - Use forms to interact with Dataverse data
 - Exercise - Use the list and form components

- Module 2: Extend Power Pages websites
 - Power Pages website life cycle management
 - Extend with scripts
 - Advanced CSS
 - Advanced client-side development
 - Exercise - Add advanced client-side functionality
- Module 3: Build custom Power Pages web templates
 - Create web templates
 - Web templates as API
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Learning Path 4: Administer Power Pages

- Module 1: Power Pages Administration Overview
 - Power Pages administrative tools
 - Power Pages life cycle
 - Set up essential features of a Power Pages website
- Module 2: Integrate Power Pages with web-based technologies
 - Document management with SharePoint in Power Pages
 - Integration with Power BI in Power Pages
 - Model-driven charts in Power Pages
- Module 3: Authentication and user management in Power Pages
 - Power Pages authentication settings
 - User registration in Power Pages
 - Authentication management for Power Pages users
 - Power Pages authentication providers
 - Exercise - Use an invitation to register users
- Module 4: Power Pages maintenance and troubleshooting
 - Power Pages website maintenance
 - Power Pages website troubleshooting
 - Exercise - Run the Portal Checker

Learning Path 5: Build websites with Power Pages - Online Workshop

- Module 1: Introduction and prerequisites for Power Pages - Online workshop
 - Create a test tenant
 - Enhanced data model setup
 - Create a website with Power Pages
 - Power Pages design studio
- Module 2: Power Pages styling workspace - Online workshop
 - Modify Styles
- Module 3: Power Pages workspace site design - Online workshop
 - Edit the site header and footer
 - Customize webpages

- **Module 4: Power Pages solution explorer - Online workshop**
 - Install the StudentImport solution
 - Generate data
 - Set the solution
- **Module 5: Power Pages data workspace - Online workshop**
 - Modify a form
- **Module 6: Power Pages workspace data components - Online workshop**
 - Create a webpage
 - Add a form to a webpage
 - Create a list
 - Add a table permission
 - Test the permission
 - Modify table permission scope
 - Secure webpages
- **Module 7: Power Pages workspace setup - Online workshop**
 - Go-live checklist
 - Modify site visibility