Introduction to Power Pages

Power Pages provide a great way to allow internal and external audiences to view and interact with data from Microsoft Dataverse or Dynamics 365, and should be a consideration as a pillar in an organization's overall web strategy.

Duration: 16 hours

Pre-requisites:

- Power Pages trial subscription. Trainer will guide student during class on how to get trial subscription.
- Basic understanding of how to navigate a model-driven app.
- Basic knowledge of other Microsoft technologies like SharePoint, Power BI, Azure Active Directory, is beneficial.
- Current version of Microsoft Edge or Google Chrome.

Course Outline

Module 1: Get Started with Power Pages

This module introduces you to Power Pages that can be quickly provisioned to serve a variety of different audiences and workloads. We also cover fundamentals of Power Pages architecture, components, features, tooling, and security.

- Core components of Power Pages
- Explore Power Pages templates
- Explore Power Pages design studio
- Explore Power Pages design studio data and security features
- Introduction to Power Pages administration

Module 2: Work with Power Pages websites

This module describes how Power Pages components work within context of Dataverse to deliver the content and data to external and internal audiences. We'll cover the topics of user authentication and how to secure access to different parts of the website content based on the target audience and relationship to the content.

- Work with Power Pages metadata
- Integrate Power Pages websites with Dataverse
- Work with Liquid template language in Power Pages
- Set up Power Pages security
- Build user experience in Power Pages

Module 3: Extend Power Pages

This module describes how to transform a content website into a complete web app interacting with Dataverse. We will also cover the options available to customizers and developers to extend the website functionality and integrate with Office 365, Microsoft Power Platform, and Azure components.

- Access Dataverse in Power Pages websites
- Extend Power Pages websites

- Build custom Power Pages web templates

Module 4: Administer Power Pages

This module describes tools and techniques available for administrators to configure and maintain Power Pages sites, as well as efficiently troubleshoot the issues.

- Power Pages administration
- Integrate Power Pages with web-based technologies
- Authentication and user management in Power Pages
- Power Pages maintenance and troubleshooting

Module 5: Build websites with Power Pages (Workshop)

This workshop is designed for walking prospective makers through end-to-end creation of a Power Pages website.

- Introduction and prerequisites for Power Pages - workshop
- Power Pages styling workspace - workshop
- Power Pages workspace site design - workshop
- Power Pages solution explorer - workshop
- Power Pages data workspace - workshop
- Power Pages workspace data components - workshop
- Power Pages workspace setup - workshop