

Power Pages: Dataverse, Liquid & Security

Learn to build, secure and administer Power Pages websites using Dataverse, Liquid templates and table permissions.

4 Days

32 HOURS

23

MODULES

74

TOPICS

10

HANDS-ON EXERCISES

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.

WHO THIS COURSE IS FOR

Power Platform Developers

Power Pages Administrators

Dataverse Developers

Web Developers

Business Analysts

Solution Architects

PREREQUISITES

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

LEARNING OBJECTIVES

- Identify the core components and tools of Power Pages
- Compare Power Pages site templates and design studio features
- Configure forms and multistep processes with Dataverse data
- Apply Liquid template language to access Dataverse data
- Implement table permissions and secure static content
- Build multilingual, reusable content and site navigation
- Extend websites with custom scripts and web templates
- Configure authentication, user registration and site maintenance

23 Modules, 74 Topics

Learning Path 1: Get Started with Power Pages

01

Core Components of Power Pages

TOPICS

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

02

Explore Power Pages Templates

TOPICS

Introduction to site templates in Power Pages · Site Design Templates · Scenario-based templates · Dynamics 365 Power Pages site templates

03

Explore Power Pages Design Studio

Exercise

TOPICS

Introduction to Power Pages Design Studio · Work with Pages · Page components · Site Styling and templates

04

Explore Power Pages Design Studio Data and Security Features

Exercise

TOPICS

- Introduction into Power Pages design studio data and security features
- Data workspace in Power Pages design studio
- Power Pages security features

Learning Path 2: Work with Power Pages Websites

01

Exercise

Work with Power Pages Metadata

TOPICS

Power Pages metadata · Webpages · Power Pages templates

02

Exercise

Integrate Power Pages Websites with Dataverse

TOPICS

Basic form configuration · Multistep form processes · Set up multistep forms · Extend lists and forms

03**Exercise**

Work with Liquid Template Language in Power Pages

TOPICS

Liquid basics · Access Dataverse data · Data security and Liquid

04**Exercise**

Set up Power Pages Security

TOPICS

Secure static content · Table permissions

05

Build User Experience in Power Pages

TOPICS

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

01**Exercise**

Access Dataverse in Power Pages Websites

TOPICS

- Use lists to display multiple Dataverse records
- Use forms to interact with Dataverse data

02**Exercise**

Extend Power Pages Websites

TOPICS

Power Pages website life cycle management · Extend with scripts · Advanced CSS · Advanced client-side development

03

Build Custom Power Pages Web Templates

TOPICS

Create web templates · Web templates as API

Learning Path 4: Administer Power Pages

01

Power Pages Administration Overview

TOPICS

- Power Pages administrative tools
- Power Pages life cycle
- Set up essential features of a Power Pages website

02

Integrate Power Pages with Web-based Technologies

TOPICS

- Document management with SharePoint in Power Pages
- Integration with Power BI in Power Pages
- Model-driven charts in Power Pages

03

Exercise

Authentication and User Management in Power Pages

TOPICS

- Power Pages authentication settings
- User registration in Power Pages
- Authentication management for Power Pages users
- Power Pages authentication providers

04

Exercise

Power Pages Maintenance and Troubleshooting

TOPICS

Power Pages website maintenance · Power Pages website troubleshooting

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

01

Introduction and Prerequisites for Power Pages - Online Workshop

TOPICS

Create a test tenant · Enhanced data model setup · Create a website with Power Pages · Power Pages design studio

02

Power Pages Styling Workspace - Online Workshop

TOPICS

Modify Styles

03

Power Pages Workspace Site Design - Online Workshop

TOPICS

Edit the site header and footer · Customize webpages

04

Power Pages Solution Explorer - Online Workshop

TOPICS

Install the StudentImport solution · Generate data · Set the solution

05

Power Pages Data Workspace - Online Workshop

TOPICS

Modify a form

06

Power Pages Workspace Data Components - Online Workshop

TOPICS

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

07

Power Pages Workspace Setup - Online Workshop

TOPICS

Go-live checklist · Modify site visibility

HANDS-ON EXERCISES

Practise What You Learn

#	MODULE	ACTIVITY
03	Explore Power Pages Design Studio	Edit Pages
04	Explore Power Pages Design Studio Data and Security Features	secure Dataverse data access
01	Work with Power Pages Metadata	Build side navigation
02	Integrate Power Pages Websites with Dataverse	Extend forms with more actions
03	Work with Liquid Template Language in Power Pages	Display a list of accounts

#	MODULE	ACTIVITY
04	Set up Power Pages Security	Apply table permissions
01	Access Dataverse in Power Pages Websites	Use the list and form components
02	Extend Power Pages Websites	Add advanced client-side functionality
03	Authentication and User Management in Power Pages	Use an invitation to register users
04	Power Pages Maintenance and Troubleshooting	Run the Portal Checker

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Hands-on exercises throughout the course
- Delivery by certified instructors and subject matter experts
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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