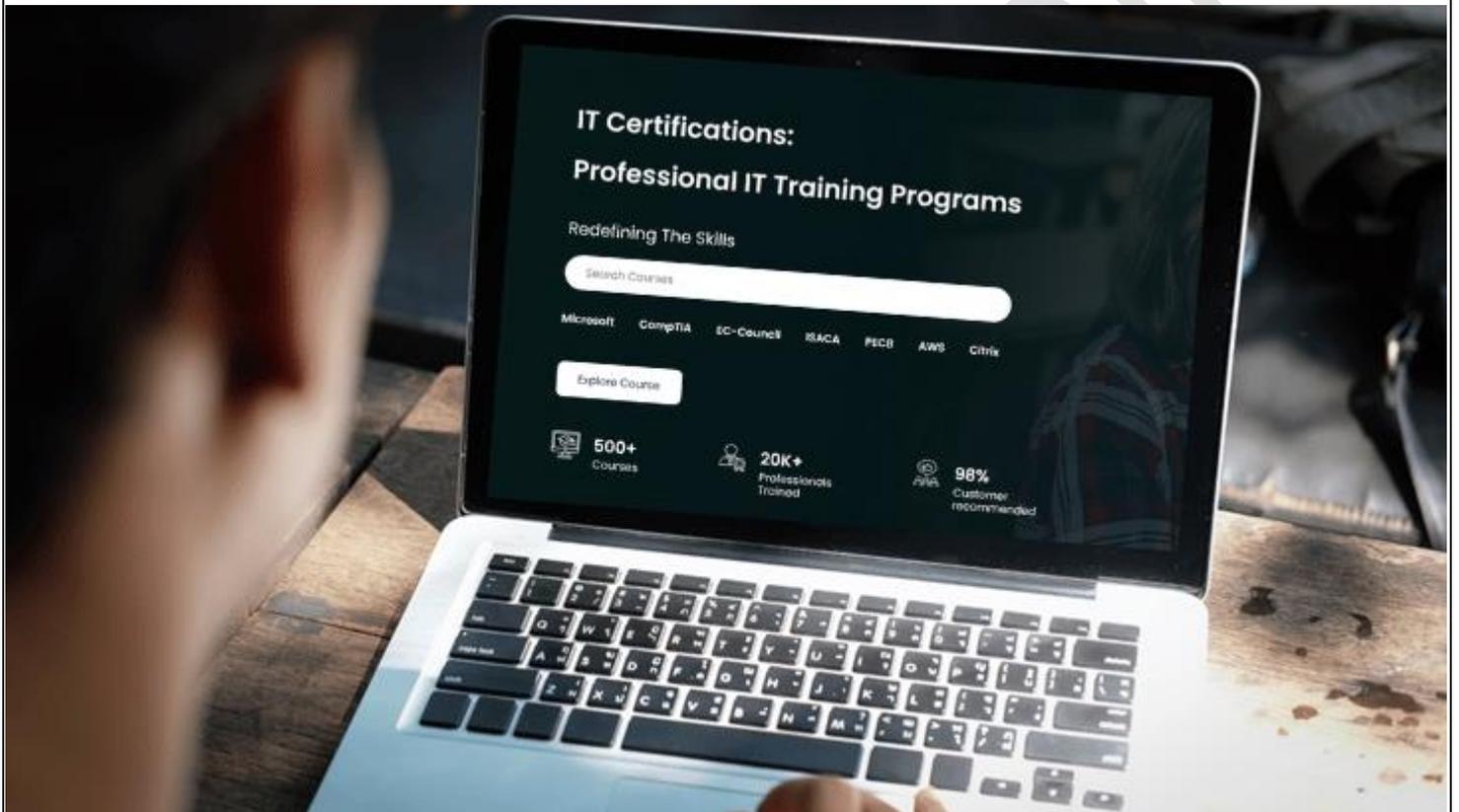




Redefining The Skills



55265: Microsoft PowerApps For End Users Training

DURATION: 2 DAYS

Course Description

This instructor-led training is intended to deliver a breakdown of Microsoft PowerApps where students can learn how to publish, test and design new applications that work with a variety of data sources.

We take the users through an extensive selection of lessons to support new applications.

This training is based on the course objectives of 55265A.

Who should attend this course?

This training is intended for the beginners who wish to customize their data entries format in Microsoft Share Point. Professionals who necessitate advanced formulas and specially made actions to their apps can enroll in this training.

What you will learn

- Maintaining and administering PowerApps.
- Understanding when to utilize PowerApps.
- PowerApps used in Branding.
- Creating PowerApps from existing data sources.
- Customizing PowerApps when using automated wizards.
- Understanding the differences between model-driven apps
- Elaborating about the components of PowerApps and their utilizations.
- Connection to the range of data sources from Azure SQL and Excel.
- Integrating PowerApps with different Office 365 systems covering SharePoint Online and Teams.
- Integrating PowerApps with other Microsoft Office 365 systems covering SharePoint Online and Teams.

Prerequisites

- No previous experience of PowerApps is required

Curriculum

Module 1: An Introduction to PowerApps

Lessons

- What is PowerApps?
- The benefits of apps
- How to get PowerApps
- Canvas Apps and Model-Driven Apps
- License Options and Costs
- Discover PowerApps with Templates

Lab 1: Introduction to PowerApps

- Try the Cost Estimator App
- Download and Review App Design
- Sample App of your choice

After completing this module, students will be able to:

- Describe when PowerApps should be used
- Know how to access PowerApps
- Make design decisions based on PowerApps licenses
- Understand that there are two type of app
- Be able to use sample apps

Module 2: Getting Started with PowerApps

Lessons

- Building a new app from a data source
- Add, edit and remove controls
- Intro to Formulas
- Testing an app
- App Settings
- Publish and Share Apps
- Version History and Restore
- PowerApps Mobile App

Lab 1: Getting Started

- Create App from an existing Data Source
- Publish and Share
- View an app on your mobile device

After completing this module, students will be able to:

- Build a useful app using wizards in minutes
- Make simple changes to existing apps
- Know how formulas are used in PowerApps
- Be able to test an app before it is shared
- Restore a previous version of an app in the event of a problem
- Use the mobile app to consume an app

Module 3: Branding and Media

Lessons

- Less is more
- Duplicate Screens
- Fonts
- Screen Colours and Matching Colours
- Screen Backgrounds
- Buttons and Icons
- Hide on Timer
- Size and Alignment by reference
- Show and Hide on Timer

Lab 1: Branding and Media

- Backgrounds and icons
- Import Class Data from Excel
- Duplicate Screen

After completing this module, students will be able to:

- Customise apps backgrounds with images and colour

- Add images and logos to an app
- Use times to show and hide controls
- Align and size controls

Module 4: PowerApps Controls

Lessons

- Text Controls for Data Entry and Display
- Controls – Drop downs, combo box, date picker, radio button and more
- Forms – Add and edit data in underlying data sources quickly
- Charts – present information in pie, line and bar charts

Lab 1: Build Apps from Blank

- Create an App from the blank template
- Add Controls to collect and display data
- Add Formulas to allow the controls to interact

After completing this module, students will be able to:

- Use a wide range of controls to give users the best data entry experience
- Edit control properties
- Use formulas to all multiple controls to interact with each other
- Present information using charts

Module 5: Data Sources and Logic

Lessons

- Data Storage and Services
- How do I decide which database to use?
- Connect to on-premises data - Gateway
- What is Delegation?
- Specific Data Examples
- Displaying Data

Lab 1: Data Source and Logic

- SharePoint List connect to App
- Flow to collect tweets to SharePoint
- Display Tweets in PowerApps using the Twitter service
- Create a reply screen in PowerApps

After completing this module, students will be able to:

- Connect to many data source including cloud and on premises
- Understand the financial costs of working with different datasources
- Understand which data sources can work with large amount of data
- Display data using controls

Module 6: Model-Driven Apps

Lessons

- What is a model-driven app?
- Where will my data be stored?
- How do create a model-driven app
- Canvas vs model-driven summary

Lab 1: Model-Driven App

- Switch to Model-Driven mode in PowerApps
- Navigate the Model-Drive app interface
- Test a Sample App
- Edit the Sample App

After completing this module, students will be able to:

- Describe the difference between a canvas app and a model-driven app
- Access model-driven apps
- Edit model-driven apps

Module 7: PowerApp Integration

Lessons

- Embed PowerApps in Teams
- Embed PowerApps in SharePoint Online
- Start a Flow from a PowerApp

Lab 1: PowerApp Integration

- Embed your app in Microsoft Teams
- Embed your app in SharePoint Online

After completing this module, students will be able to:

- Know how to make PowerApps available for users via Teams and SharePoint Online
- Understand the benefits of using PowerApps with Flow

Module 8: Administration and Maintenance of PowerApps

Lessons

- Identify which users have been using PowerApps
- Reuse an app in another location (move from testing or development to production)
- Review app usage
- Prevent a user from using PowerApps
- Manage environments

Lab 1: Administration and Maintenance

- Export an app for use in another location
- Review current PowerApp users in your test environment

After completing this module, students will be able to:

- Identify who is using PowerApps in your organization
- Prevent specific users from using the PowerApps service
- Reuse or move existing apps

For any query Contact Us – Microtek Learning
