Course : SharePoint Online, Advanced PowerApps

create customized business applications
Practical course - 2d - 14h00 - Ref. APE
Price : 1400 CHF E.T.

★★★☆   3,8 / 5

You've already had some experience with PowerApps and would like to take it to the next level. This training course will show you how to develop on-cloud applications that use multiple data sources, exploiting your smartphone's GPS, camera and video.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understanding the PowerApps designer interface
- ✓ Creating a PowerApps application for SharePoint
- ✓ Managing a PowerApps application

Intended audience
Editorial managers, project managers, contributors, developers.

Prerequisites
Basic knowledge of PowerApps equivalent to that obtained during the practical course (OFA). Minimum programming experience.

Practical details

Hands-on work
Alternating presentation of concepts and practical work.

Teaching methods
30% lessons and 70% practice with exercises. Personalized follow-up and correction.

Course schedule

1 Managing data

- Understanding delegation and collections.
- Join collections and tables.
- Check existence of data. Retrieve data with code. Update data.
- Create/modify records, delete data.

Hands-on work
Format, filter and sort data with PowerApps. Define a join in PowerApps. Exposing a collection via tables and galleries. Manipulate collections.

2 Image manipulation

- Store images. Store images in Excel. Store images in SQL Server.
- Store images in Dataverse.
- Handling images in PowerApps.
- Manage cameras. Use stylus, barcodes and microphone.

Hands-on work
Capture a photo with PowerApps. Using the electronic stylus.

3 Using graphics

- Learn about the types of graphics in PowerApps.
- Create a graph.
- Versioning an application.
- Group graph data. Define chart properties.

Hands-on work
Create a graph. Group data by criteria. Define legend.

4 Geolocate device

- Use Google Maps and Microsoft Maps.
- Understanding device geolocation.
- Discover how GPS works.
- Understand the role of signals. Handling signals.

Hands-on work
Display a personalized, geolocalized Microsoft Bing map.

5 Use the common data service (Dataverse)

- Components, Dataverse.
- Entity, field, option group, relationship, key.
- Manage Dataverse entity authorizations.
- User interface, application, sitemap, forms, views.

Hands-on work
Create entities and fields. Obtain data from Excel. Link two entities. Create a business rule. Create a Power Apps canvas with Dataverse.

⑥ Model-based application

- Link to Dataverse, components, features, environment.
- Dataverse database, model-based application, application based on an existing model.
- Manage Dataverse entity authorizations.
- User interface, application, sitemap, forms, views.

Hands-on work

Create an enterprise Power Apps application, Design the sitemap, Configure the entity view and central dashboard, Run and share a model-driven application.

Dates and locations

REMOTE CLASS
2026 : 19 Mar., 25 June, 24 Sep., 10 Dec.