Publication date : 02/08/2024

Course : SharePoint Online, Advanced PowerApps

create customized business applications

Practical course - 2d - 14h00 - Ref. APE

Price : 1190 € 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

PARTICIPANTS

Editorial managers, project managers, contributors, developers.

PREREQUISITES

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

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

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.

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.

• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.

• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

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 : 25 June, 24 Sep., 10 Dec.

PARIS LA DÉFENSE
2026 : 25 June, 24 Sep., 10 Dec.