

POWER APPS

INTRODUCTION



Duration: 14hrs

Prerequisites:

- Have access to a Power Platform developer environment
- Understanding of the Office 365 ecosystem and applications

Certification: Yes

Skills acquired at the end of the training:

- Understanding the Power Platform
- Governance control
- Connector Management and Integration
- Control of data sources
- Artificial Intelligence Integration
- Creating a Canvas app
- Creating Model-Driven Applications
- Practical expertise

PROGRAM:

Module 1: Introduction to Power Apps

- Overview of the Power Platform
 - Key products (Power Apps, Power Automate, Power BI, Power Pages)
 - Complementary products (Connectors, AI builder, Dataverse, Power Fx, etc.)
 - Added value to organizations
- Power Apps overview
 - Who can use Power Apps?
 - Power Apps app examples
 - Features of Canvas Apps
 - The characteristics of Model driven Apps

Module 2 : Gouvernance Power Platform

- Why implement Power Platform governance
- Pillars of good Power Platform governance
- Administration Power Platform
 - Centre d'administration Power Platform

- Maker Portals (Power Apps maker, Power Automate maker, etc.)
- Power Platform environments
- Data Loss Prevention (DLP) Policies
 - Operation
 - Types of Strategies
 - Types of policies
- Security Roles
 - Users, teams
 - Types de privileges
- Costs and licenses

Module 3: Connectors in Power Platform

- Definition
- Types of connectors
- Types of data sources
- Triggers and actions
- Custom Connectors
- Connectors and DLP



Module 4: Data Sources

- Dataverse
 - What is Dataverse?
 - Data structure in Dataverse
 - Table Relationships
 - Security in Dataverse
 - Create business rules
- SharePoint in Power Apps
 - Why combine Power Apps and SharePoint?
 - How SharePoint and Power Apps work together
 - SharePoint vs Dataverse
 - Control and security
- Other data sources
 - Business central and other source used by the organization

Module 5: Using AI in Power Apps

- Copilot: Generate an app per conversation
- AI Builder: Add AI to your apps and flows

Module 6 : Power Apps Canvas

- The Power Fx language and formulas
- The galleries
- Forms
- Other components and their properties
- Reusable components
- Connecting to other data sources
- Working with actions from different data sources
- Embed Power Automate flows into a Canvas app
- Manage releases in Power Apps
- Publish and share a Canvas app

Module 7 : Model Driven Apps

- Introduction aux Model driven Apps
- Components of Model driven applications
- Steps to Design a Model Driven App
- Business logic and business process flows

Workshop 1: Create a simple Canvas app that meets a specific need

- Ex: Expense management, inventory management, room reservation

Lab 2: Create an intermediate Canvas app that meets a specific need

- Ex: Purchase request management app (with approval), Training and certification management app

Workshop 3: Create a simple model-driven application that meets a specific need

- Ex: Contact management app, Case management app

Workshop 4: Create an intermediate model-driven application that meets a specific need

- Ex: Supplier contract management app

Questions & Answers

