



Formation Microsoft Power Platform - Les principes de base

Référence PL900

2 jours - 14 heures

Session sur demande

Niveau débutant

Cours officiel Microsoft



Distanciel



50% de cas pratiques



INTER 1000€ HT/ pers.
INTRA - Tarif sur demande



Taux de satisfaction -



Taux de réussite -

Présentation

Cette formation vise à découvrir la valeur opérationnelle de Power Platform, identifier ses composants de base, appréhender les capacités de Power BI, Power Apps, Power Automate et Power Virtual Agents.

La formation est réalisée à partir du cours officiel Microsoft.

Programme

Jour 1

Module 1 :

The business value of Microsoft Power Platform

Module 2 :

The core components of Microsoft Power Platform

Module 3 :

The capabilities of Power BI

Jour 2

Module 4 :

The capabilities of Power Apps

Module 5 :

The capabilities of Power Automate

Module 6 :

The capabilities of Power Virtual Agents

Public et prérequis

- Public: Toute personne ayant une appétence pour les données, profil Analyste
- Prérequis: pas de prérequis

Objectifs

- Créer, partager et gérer des rapports avec PowerBI
- Analyser des données
- Créer des KPI



Programme détaillé

Module 1 : The business value of Microsoft Power Platform

The business value of Microsoft Power Platform services

- gain insights into data by using Power BI
- build applications quickly by using Power Apps
- automate processes by using Power Automate
- use connectors to access services and data
- create powerful chatbots by using the Power Virtual Agents web app and Power Virtual Agents in Microsoft Teams

The business value of extending business solutions by using Microsoft Power Platform

- describe how Microsoft Power Platform apps work together with Dynamics 365 apps
- describe how Microsoft Power Platform business solutions can be used by Microsoft 365 apps and services
- describe how to use Microsoft Power Platform solutions with Microsoft Teams
- describe how Microsoft Power Platform business solutions can consume Microsoft Azure services including Azure Cognitive Services
- describe how Microsoft Power Platform business solutions can consume third-party apps and services
- describe use cases for AppSource
- describe how Microsoft Power Platform apps work together

Microsoft Power Platform administration and security

- describe how Microsoft Power Platform implements security including awareness of Microsoft Dataverse security roles, Azure Identity Services, and Access Management (IAM)
- describe how to manage apps and users
- describe environments
- describe where to perform specific

administrative tasks including Microsoft Power Platform Admin center and Microsoft 365 admin center

- describe data policies
- describe how Microsoft Power Platform supports privacy and accessibility guidelines
- describe Microsoft Power Platform privacy and accessibility capabilities
- describe Microsoft Power Platform governance capabilities

Module 2 : The core components of Microsoft Power Platform

Microsoft Dataverse

- describe the difference between databases and Dataverse
- describe the differences between Dataverse and Dataverse for Teams
- describe tables, columns, and relationships
- describe how to use common standard tables to describe people, places, and things

Connectors

- describe triggers including trigger types and where triggers are used
 - describe actions
 - describe licensing options for connectors including standard or premium tier
- Identify use cases for custom connectors

AI Builder

- identify the business value of AI Builder
- describe models including business card reader, detection model, form processing model, and prediction model
- describe how the Power Apps and Power Automate can consume AI Builder data



Programme détaillé

Module 3 : The capabilities of Power BI

Common Power BI components

- identify and describe uses for visualization controls including pie, bar, donut, and scatter plots and KPIs
- describe the Power BI Desktop Reports, Data, and Model tabs
- compare and contrast Power BI Desktop and Power BI Service
- compare and contrast dashboards, workspaces, and reports
- describe the Power BI security model

Connect to and consume data

- connect to and combine data from multiple sources including Microsoft Excel
 - describe how to use Power Query to clean and transform data
 - describe and implement aggregate functions
 - identify available types of data sources including Microsoft Excel
 - describe use cases for shared datasets
 - describe use cases for template apps
 - describe options for viewing Power BI reports and dashboards
- Build a basic dashboard using Power BI
- create a Power BI report
 - create a Power BI dashboard
 - publish and share reports and dashboards

Module 4 : The capabilities of Power Apps

Identify common Power Apps components

- describe the differences between canvas apps and model-driven apps
- describe use cases for formulas

Build a basic canvas app

- describe types of data sources
- connect to data by using connectors
- create an app from data
- use controls to design the user experience
- publish and share an app

Build a basic model-driven app

- create a model-driven app from tables
- modify forms
- create and modify views
- publish and share an app

Module 5 : The capabilities of Power Automate

Common Power Automate components

- identify flow types including cloud, desktop, and business process flows
- describe use cases for flows and available flow templates
- describe how Power Automate uses connector triggers and actions
- describe loops and conditions including switch, do until, and apply to each
- describe expressions
- describe use cases for approvals
- describe the Power Automate apps, including Power Automate Desktop, Power Automate mobile, and Power Automate portal

Build a basic cloud flow

- create a flow by using an instant, automated, or scheduled flow template
- modify a cloud flow
- use flow controls to perform data operations
- run a cloud flow

Module 6 : The capabilities of Power Virtual Agents

The capabilities of Power Virtual Agents in Microsoft Teams

- describe use cases for Power Virtual Agents within Microsoft Teams
- describe topics, entities and actions
- describe message nodes, question nodes, conditions, trigger phrases, and the authoring canvas

Build and publish a basic chatbot

- create a chatbot
- create a topic
- call an action
- launch a Power Automate flow from a chatbot
- publish a chatbot



Votre contact commercial



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