



Formation Microsoft Power Platform - Les principes de base

Référence PL900

 2 jours - 14 heures

 Session sur demande

 Niveau débutant

 Cours officiel Microsoft



Présentiel



50% de cas pratiques



INTER 1000€ HT/pers.



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

Objectifs

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



Programme détaillé Formation Microsoft Power Platform - Les principes de base

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

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



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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

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

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

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



Organisation

Accessibilité & Modalités d'accès :

La salle formation se situe chez sumit au sein du centre Régus de Villeneuve d'Ascq.
Les locaux et équipements sont adaptés aux personnes à mobilité réduite. N'hésitez pas à nous contacter pour toute demande spécifique.
La responsable pédagogique et le formateur sont en charge de l'accueil des stagiaires.

Moyens pédagogiques, techniques et d'encadrement :

sumit garantit la mise à disposition de :

- 1 salle équipée d'un projecteur ou écran permettant la diffusion des supports de formation
- 1 tableau blanc avec fournitures nécessaires

La formation est dispensée par un formateur dans une salle de cours, en présentiel.

Modalités spécifiques :

- Chaque stagiaire dispose de son propre poste de travail adapté aux besoins de la formation.

Méthodes mobilisées :

Le formateur alterne entre théorie, cas pratiques, et jeux de questions/réponses pour faire participer les stagiaires.

Modalités d'évaluation :

Nous réalisons un test QCM avec auto-positionnement à l'entrée et à la sortie de la formation afin de s'assurer de la maîtrise des prérequis listés et d'évaluer la bonne assimilation des notions abordées en formation.

Notre formateur

Le formateur sumit qui anime cette session de formation est un consultant confirmé sur son domaine de compétences.



Valentin
Technical Leader

 9 ans d'expérience

 Certifié

Microsoft Certified Trainer (MCT)
Azure Solutions Architect Expert,
Teams Administrator Associate,
MS365 Developer Associate,
Devops Engineer Expert

Votre contact commercial



Coraline Gaippe - Chargée de Développement Formation
06 59 45 29 95 - formation@sumit.fr