Microsoft Power Platform Fundamentals

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Online Course

Microsoft Power Platform Fundamentals

Course Modules

1. Describe the business value of Microsoft Power Platform

The business value of Microsoft Power Platform services
- Describe the value of Microsoft Power Apps to build app
- Value of Microsoft Power Automate to automate processes
- Value of Microsoft Power BI to gain insights into data
- Value of Microsoft Power Pages to build websites
- Value of Microsoft Power Virtual Agents to create chatbots
- Value of connectors to integrate services and data
- Value of Microsoft Dataverse to organize business data
- Value of AI Builder to enhance apps and flows

Describe the business value of extending business solutions
- MS Power Platform apps work with MS Dynamics 365 apps
- MS Power Platform bsns soln wrk wth MS 365 apps & services
- Describe how Microsoft Power Platform apps work together
- Microsoft Power Platform works with Microsoft Teams
- MS Power Platform bsns soln can consume MS Azure srvc

Microsoft Power Platform administration and governance
- Describe the Microsoft Power Platform security model
- Describe environments
- Describe where to perform specific administrative tasks
- MS Power Platform supports privacy & accessibility guidelines

2. Foundational components of Microsoft Power Platform

Describe Microsoft Dataverse
- Differences between traditional databases and Dataverse
- Describe tables, columns, and relationships in Dataverse
- Describe business logic in Dataverse
- Describe dataflows for Dataverse

Describe connectors
- Describe the components of a connector
- Describe standard and premium connectors
- Identify use cases for custom connectors

3. Demonstrate the capabilities of Power BI

Identify basic Power BI components
- Describe Power BI Desktop and the Power BI service
- Compare Dashboards, workspaces, reports, & paginated reports
- Describe how to clean and transform data by using Power Query
- AI Insights helps identify anomalies and trends in data

Build a basic dashboard by using Power BI
- Create a Power BI report by adding visualizations
- Create a Power BI dashboard
- Add visualizations to dashboards by using Q&A
- Consume Power BI reports and dashboards

4. Demonstrate the capabilities of Power Apps

Identify basic Power Apps capabilities
- Describe the diff between canvas apps and model-driven apps
- Describe use cases for and capabilities of canvas apps
- Describe use cases for and capabilities of model-driven apps

Build a basic canvas app
- Connect to data sources by using connectors
- Create an app from data
- Add controls to canvas app screens

Build a basic model-driven app
- Create a model-driven app from tables
- Modify forms
- Create and modify views

5. Demonstrate the capabilities of Power Automate

Identify basic Power Automate components
- Describe use cases for cloud and desktop flows
- Describe use cases for cloud flow templates
- Power Automate cloud flows use connector triggers and actions
- Power Atmt use cases for approvals, MS Teams, Outlook, etc.,
- Describe the Power Automate apps
- Describe actions for Power Automate desktop flows
- Describe document processing in Power Automate

Build a basic Power Automate flow
- Create a cloud flow by using an instant, automated, etc.,
- Modify a cloud flow
- Add flow steps to perform data operations
- Run a cloud flow
- Build a basic desktop flow by recording tasks

6.Complementary Microsoft Power Platform solns

Describe the capabilities of Power Virtual Agents
- Describe use cases for Power Virtual Agents
- Describe the purpose of topics, entities, and actions
- Create topics from existing FAQs by using Suggest topics

Describe the capabilities of Power Pages
- Describe use cases for Power Pages
- Describe use cases for templates
- Describe how to share data externally

Describe the capabilities of AI Builder
- Describe use cases for AI Builder
- Describe the lifecycle to create an AI Builder model

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