

PL-900: Microsoft Power Platform Fundamentals

Describe the business value of Power Platform

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- 1 Analyze data by using Power BI
- 2 Act with Power Apps
- 3 Build solutions that use Microsoft Dataverse
- 4 Create flows by using Power Automate
- 5 Use connectors to access services and data
- 6 Create powerful chatbots by using a guided, no-code graphical interface

Describe the business value of extending business solutions by using Power Platform

- 7 Describe how Dynamics 365 apps can accelerate delivery of Power Platform business solutions
- 8 Describe how Power Platform business solutions can be used by Microsoft 365 apps including Microsoft Teams
- 9 Describe how Power Platform business solutions can consume Microsoft 365 services
- 10 Describe how Power Platform business solutions can consume Microsoft Azure services
- 10a including Azure Cognitive Services
- 11 Describe how Power Platform business solutions can consume third-party apps and services

Describe Power Platform administration and security

- 12 Describe how Power Platform implements security including awareness of Microsoft Dataverse security roles, Azure Identity Services, and Access Management (IAM)
- 13 Describe how to manage apps and users
- 14 Describe environments
- 15 Describe where to perform specific administrative tasks including Power Platform Admin center, Microsoft 365 admin center
- 16 Describe Data Loss Prevention (DLP) policies
- 17 Describe how the platform supports privacy and accessibility guidelines

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Identify the Core Components of Power Platform (15-20%)

Describe Microsoft Dataverse

- 18 Describe the Power Apps user experience
- 19 Describe tables, columns, and relationships
- 20 Describe use cases for solutions
- 21 Describe use cases and limitations of business rules
- 22 Describe the Common Data Model (CDM)
- 23 Describe how to use common standard tables to describe people, places, and things

Describe Connectors

- 23a Describe the native Dataverse connection experience
- 24 Describe triggers including trigger types and where triggers are used
- 25 Describe actions
- 26 Describe licensing options for connectors including standard or premium tier
- 27 Identify use cases for custom connectors

Describe AI Builder

- 28 Identify the business value of AI Builder
- 29 Describe models including business card reader, detection model, form processing model, and prediction model
- 30 Describe how the Power Apps and Power Automate can consume AI Builder data

Demonstrate the capabilities of Power BI (15-20%)

Identify common Power BI components

- 31 Identify and describe uses for visualization controls including pie, bar, donut, and scatter plots and KPIs
- 32 Describe types of filters
- 33 Describe the Power BI Desktop Reports, Data, and Model tabs
- 34 Describe uses for custom visuals including charts or controls
- 35 Compare and contrast dashboards and workspaces
- 36 Compare and contrast Power BI Desktop and Power BI Service

Connect to and consume data

- 37 Combine multiple data sources
- 38 Clean and transform data
- 39 Describe and implement aggregate functions
- 40 Identify available types of data sources including Microsoft Excel
- 41 Describe use cases for shared datasets and template apps and how to consume each

Build a basic dashboard using Power BI

- 42 Design a Power BI dashboard
- 43 Design data layout and mapping
- 44 Publish and share reports and dashboards

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Demonstrate the capabilities of Power Apps (15-20%)

Identify common Power Apps components

- 45 Describe differences between canvas apps and model-driven apps
- 46 Describe portal apps
- 47 Identify and describe types of reusable components including canvas component libraries and Power Apps Component Framework (PCF) components
- 48 Describe use cases for formulas

Build a basic canvas app

- 49 Describe types of data sources
- 50 Connect to data by using connectors
- 51 Combine multiple data sources
- 52 Use controls to design the user experience
- 53 Describe the customer journey
- 54 Publish and share an app

Describe Power Apps portals

- 55 Create a portal by using a template
- 56 Describe common portal customizations
- 57 Identify differences in portal behavior based on whether a user is authenticated
- 58 Apply a theme to a portal

Build a basic model-driven app

- 59 Add tables to app navigation
- 60 Modify forms and views
- 61 Publish and share an app

Demonstrate the capabilities of Power Automate (15-20%)

Identify common Power Automate components

- 62 Identify flow types
- 63 Describe use cases for flows and available flow templates
- 64 Describe how Power Automate uses connectors
- 65 Describe loops and conditions including switch, do until, and apply to each
- 66 Describe expressions
- 67 Describe approvals

Build a basic flow

- 68 Create a flow by using the button, automated, or scheduled flow template
- 69 Modify a flow
- 70 Use flow controls to perform data operations
- 71 Run a flow
- 72 Modify a flow

Demonstrate the capabilities of Power Virtual Agents (10-15%)

Describe Power Virtual Agents capabilities

- 73 Describe use cases for Power Virtual Agents
- 74 Describe where you can publish chatbots
- 75 Describe topics, entities and actions
- 76 Describe message nodes, question nodes, conditions, trigger phrases, and the authoring canvas
- 77 Identify common pre-built entities

Build and publish a basic chatbot

- 78 Create a chatbot
- 79 Create a topic
- 80 Call an action
- 81 Test a chatbot
- 82 Publish a chatbot
- 83 Monitor chatbot usage
- 84 Monitor chatbot performance