

Start Here

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You will find the exam information here: <https://docs.microsoft.com/en-us/learn/certifications/exams/pl-900>

Always refer to the Microsoft documentation for the current exam objectives.

The Microsoft [Learning Path](#) for PL-900 should be your first step in preparing for the exam. I would highly recommend you do the labs provided in the Learning Path.

I have included additional links to specific objectives if you want to dig in a little further.

This study guide is what I created to help me prepare for the exam and is not approved by either Microsoft or LinkedIn. Feel free to modify to fit your needs.

Describe the value of Power Platform applications

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Analyse data by using Power BI: <https://docs.microsoft.com/en-us/power-bi/fundamentals/power-bi-overview>

Act with Power Apps: <https://docs.microsoft.com/en-us/powerapps/powerapps-overview>

Build solutions that use Common Data Service: <https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/data-platform-intro>

Automate with Power Automate: <https://flow.microsoft.com/en-us/>

Interoperate with external systems and data:

Create powerful chatbots using a guided, no-code graphical interface: <https://docs.microsoft.com/en-ca/power-virtual-agents/fundamentals-what-is-power-virtual-agents>

Describe the value of connecting business solutions

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Connect to Dynamics 365: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/connections/connection-dynamics-crmonline>

Connect to Microsoft 365

Connect to Microsoft Azure

Connect to third-party services and apps

Describe Power Platform administration and security

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Describe how Power Platform implements security: <https://docs.microsoft.com/en-us/power-platform/admin/security-roles-privileges>

Describe Power Platform as a service:

Describe how to manage apps and users: <https://docs.microsoft.com/en-us/power-platform/admin/grant-users-access>

Identify admin centers: <https://docs.microsoft.com/en-us/power-platform/admin/admin-documentation>, <https://docs.microsoft.com/en-us/power-platform/admin/wp-work-with-admin-portals>

Describe how the platform supports compliance: <https://docs.microsoft.com/en-us/power-platform/admin/wp-compliance-data-privacy>

Describe Common Data Services

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Describe the Power Apps user experience:

Identify entities, fields, and relationships: <https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/data-platform-intro>

Describe environments: <https://docs.microsoft.com/en-us/power-platform/admin/environments-overview>

Describe use cases and limitations of business process flows: <https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview>

Describe use cases and limitations of business rules: <https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/cds-processes>

Describe the Common Data Model (CDM): <https://docs.microsoft.com/en-us/common-data-model/>

Identify common standard entities: <https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/entity-overview>

Describe Connectors

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Describe uses for and types of triggers: <https://docs.microsoft.com/en-us/power-automate/email-triggers>

Describe actions: <https://docs.microsoft.com/en-us/power-automate/actions>

Describe connectors: <https://docs.microsoft.com/en-us/connectors/>

Identify use cases for custom connectors: <https://docs.microsoft.com/en-us/connectors/custom-connectors/>

Describe AI Builder

Identify the business value of AI Builder: <https://docs.microsoft.com/en-us/ai-builder/overview>

Describe models: <https://docs.microsoft.com/en-us/ai-builder/model-types>

Describe how the Power Platform can consume AI Builder data: <https://docs.microsoft.com/en-us/ai-builder/use-in-flow-overview>, <https://docs.microsoft.com/en-us/ai-builder/use-in-powerapps-overview>

Identify common Power BI components

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Identify and describe uses for visualization controls: <https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

Describe types of filters: <https://docs.microsoft.com/en-us/power-bi/create-reports/power-bi-report-filter-types>

Describe Tabs:

Describe uses for custom visuals: <https://powerbi.microsoft.com/en-us/power-bi-visuals/>

Compare and contrast dashboards and workspaces: <https://docs.microsoft.com/en-us/power-bi/fundamentals/service-basic-concepts>

Compare and contrast Power BI Desktop and Power BI Service: <https://docs.microsoft.com/en-us/power-bi/fundamentals/service-service-vs-desktop>

Connect to and consume data

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Combine multiple data sources: <https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

Clean and transform data: <https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

Describe and implement aggregate functions: <https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-aggregations>

Identify available types of data sources: <https://docs.microsoft.com/en-us/power-bi/connect-data/power-bi-data-sources>

Describe and consume shared datasets and template apps: <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-share>

Build a basic dashboard using Power BI

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Design a Power BI dashboard: <https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-create>

Design data layout and mapping: <https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboards-design-tips>

Publish and share reports and dashboard: <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-share-dashboards>

Identify common Power Apps components

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Describe canvas apps: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/getting-started>

Describe model-driven apps: <https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/model-driven-app-overview>

Identify and describe controls: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/add-configure-controls>

Understand uses for templates: <https://powerapps.microsoft.com/en-us/blog/using-app-template/>

Understand use cases for formulas: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/working-with-formulas>

Build a basic canvas app

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Connect to data: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/add-data-connection>

Use controls to design the user experience: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/add-configure-controls>

Describe the customer journey:

Publish and share an app: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/save-publish-app#publish-an-app>
<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/share-app>

Describe Power Apps portal

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Describe use cases for and the business value of portals: <https://docs.microsoft.com/en-ca/powerapps/maker/portals/overview>

Create a portal by using a template: <https://docs.microsoft.com/en-us/powerapps/maker/portals/create-portal>

Apply a theme to a portal: <https://docs.microsoft.com/en-us/powerapps/maker/portals/theme-overview>

Create a simple Common Data Service database: <https://docs.microsoft.com/en-us/power-platform/admin/create-database>

Add controls, portal components, and sections to a page and map controls to the database

Embed Power BI objects: <https://docs.microsoft.com/en-us/power-platform-release-plan/2019wave2/microsoft-powerapps/power-bi-embedded-support-portals>

Publish and share a portal: <https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/share-app>

Manage a portal: <https://docs.microsoft.com/en-us/powerapps/maker/portals/manage-existing-portals>

Identify common Power Automate components

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Identify flow types: <https://docs.microsoft.com/en-us/power-automate/getting-started#types-of-flows>

Describe use cases for and available templates: <https://flow.microsoft.com/en-us/templates/>

Describe connectors: <https://docs.microsoft.com/en-ca/connectors/>

Describe triggers: <https://docs.microsoft.com/en-us/power-automate/email-triggers>

Describe conditions: <https://docs.microsoft.com/en-us/power-automate/add-condition>

Describe expressions: <https://docs.microsoft.com/en-us/power-automate/use-expressions-in-conditions>

Describe approvals: <https://docs.microsoft.com/en-us/power-automate/modern-approvals>

Build a basic flow

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Create a business process flow: <https://docs.microsoft.com/en-us/power-automate/create-business-process-flow>

Implement a Power Automate template:

Modify a flow:

Run a flow:

Export a flow to Logic Apps: <https://docs.microsoft.com/en-us/azure/logic-apps/export-from-microsoft-flow-logic-app-template>

Identify common Power Virtual Agents components

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Describe topics: <https://docs.microsoft.com/en-us/power-virtual-agents/authoring-create-edit-topics>

Describe entities: <https://docs.microsoft.com/en-us/power-virtual-agents/advanced-entities-slot-filling>

Describe actions:

Build and publish a basic bot

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Create a bot: <https://docs.microsoft.com/en-us/power-virtual-agents/fundamentals-get-started>

Create a topic: <https://docs.microsoft.com/en-us/power-virtual-agents/authoring-create-edit-topics>

Author core topics: <https://docs.microsoft.com/en-us/power-virtual-agents/authoring-fundamentals>

Call an action:

Test a bot: <https://docs.microsoft.com/en-us/power-virtual-agents/authoring-test-bot>

Publish a bot: <https://docs.microsoft.com/en-us/power-virtual-agents/publication-fundamentals-publish-channels>

Monitor bot usage: <https://docs.microsoft.com/en-us/power-virtual-agents/analytics-overview>

Monitor bot performance: <https://docs.microsoft.com/en-us/power-virtual-agents/analytics-summary>