Purpose of this document

This study guide should help you understand what to expect on the exam and includes a summary of the topics the exam might cover and links to additional resources. The information and materials in this document should help you focus your studies as you prepare for the exam.

<table>
<thead>
<tr>
<th>Useful links</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How to earn the certification</strong></td>
<td>Some certifications only require one exam, while others require more. On the details page, you’ll find information about what skills are measured and links to registration. Each exam also has its own details page covering exam specifics.</td>
</tr>
<tr>
<td><strong>Your Microsoft Learn profile</strong></td>
<td>Connecting your certification profile to Learn brings all your learning activities together. You’ll be able to schedule and renew exams, share and print certificates, badges and transcripts, and review your learning statistics inside your Learn profile.</td>
</tr>
<tr>
<td><strong>Passing score</strong></td>
<td>All technical exam scores are reported on a scale of 1 to 1,000. A passing score is 700 or greater. As this is a scaled score, it may not equal 70% of the points. A passing score is based on the knowledge and skills needed to demonstrate competence as well as the difficulty of the questions.</td>
</tr>
<tr>
<td><strong>Exam sandbox</strong></td>
<td>Are you new to Microsoft certification exams? You can explore the exam environment by visiting our exam sandbox. We created the sandbox as an opportunity for you to experience an exam before you take it. In the sandbox, you can interact with different question types, such as build list, case studies, and others that you might encounter in the user interface when you take an exam. Additionally, it includes the introductory screens, instructions, and help topics related to the different types of questions that your exam might include. It also includes the non-disclosure agreement that you must accept before you can launch the exam.</td>
</tr>
</tbody>
</table>
Useful links | Description
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**Request accommodations** | We’re committed to ensuring all learners are set up for success. If you use assistive devices, require extra time, or need modification to any part of the exam experience, you can request an accommodation.

**Take a practice test** | Taking a practice test is a great way to know whether you’re ready to take the exam or if you need to study a bit more. Subject-matter experts write the Microsoft Official Practice Tests, which are designed to assess all exam objectives.

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**Objective domain: skills the exam measures**
The English language version of this exam will be updated on September 29, 2022. If you’re taking this exam’s English version before this date, the following Skills Measured is what you should study. If you want to review changes to the future version, scroll to the end of this document.

Some exams are localized into other languages, and those are updated approximately eight weeks after the English version is updated. Other available languages are listed in the Schedule Exam section of the Exam Details webpage. If the exam isn’t available in your preferred language, you can request an additional 30 minutes to complete the exam.

**Note**
The bullets that follow each of the skills measured are intended to illustrate how we are assessing that skill. Related topics may be covered in the exam.

**Note**
Most questions cover features that are general availability (GA). The exam may contain questions on Preview features if those features are commonly used.

**Skills measured**
- Describe the business value of Microsoft Power Platform (20–25%)
- Identify the core components of Microsoft Power Platform (10–15%)
- Demonstrate the capabilities of Power BI (20–25%)
- Demonstrate the capabilities of Power Apps (25–30%)
- Demonstrate the capabilities of Power Automate (10–15%)
- Demonstrate the capabilities of Power Virtual Agents (5–10%)
Functional groups

Describe the business value of Microsoft Power Platform (20-25%)

Describe 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

Describe 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

Describe 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

Identify the core components of Microsoft Power Platform (10-15%)

Describe 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

Describe 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

Describe 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

Demonstrate the capabilities of Power BI (20-25%)

Identify 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
Demonstrate the capabilities of Power Apps (25-30%)

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

Demonstrate the capabilities of Power Automate (10-15%)

Identify 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

Demonstrate the capabilities of Power Virtual Agents (5-10%)

Describe 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

Study Resources
We recommend that you train and get hands-on experience before you take the exam. We offer self-study options and classroom training as well as links to documentation, community sites, and videos.

<table>
<thead>
<tr>
<th>Study resources</th>
<th>Links to learning and documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get trained</td>
<td>Choose from self-paced learning paths and modules or take an instructor led course</td>
</tr>
<tr>
<td>Find documentation</td>
<td></td>
</tr>
</tbody>
</table>
  - Microsoft Power Platform documentation  
  - Power BI documentation  
  - Microsoft Power Apps documentation  
  - Power Automate documentation  
  - Microsoft Power Virtual Agents documentation |
| Ask a question  | Microsoft Q&A | Microsoft Docs |
| Get community support | Power Platform Community (microsoft.com) |
| Follow Microsoft Learn | Microsoft Learn - Microsoft Tech Community |
| Find a video    | #LessCodeMorePower | Shows  
  - Browse other Microsoft Learn shows |
Future exam skills measured

Our exams are updated periodically to reflect skills that are required to perform a role. The following skills measured list depicts the additions, deletions, and modifications to the exam.

Change log

<table>
<thead>
<tr>
<th>Skill area</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe the business value of Microsoft Power Platform services</td>
<td>Minor</td>
</tr>
<tr>
<td>Describe the business value of extending business solutions by using</td>
<td>Minor</td>
</tr>
<tr>
<td>Microsoft Power Platform</td>
<td></td>
</tr>
<tr>
<td>Describe Microsoft Power Platform administration and security</td>
<td>Minor</td>
</tr>
<tr>
<td>Describe Microsoft Dataverse</td>
<td>Major</td>
</tr>
<tr>
<td>Describe AI Builder</td>
<td>Minor</td>
</tr>
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<td>Identify common Power BI components</td>
<td>Minor</td>
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<td>Build a basic canvas app</td>
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</tr>
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</tr>
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Functional groups

Describe the business value of Microsoft Power Platform (20–25%)

Describe the business value of Microsoft Power Platform services

- Gain insights into data by using Power BI
- Build applications quickly by using Power Apps
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- Use connectors to integrate services and data
- Create powerful chatbots by using the Power Virtual Agents web app and Power Virtual Agents in Microsoft Teams

Describe 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 work together with Microsoft 365 apps and services
- Describe how Microsoft Power Platform apps work together
- 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 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 governance capabilities
- Describe analytics and how they can be used

Identify the core components of Microsoft Power Platform (10–15%)

Describe Microsoft Dataverse
- Describe the difference between databases and Dataverse
- Describe 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
- Describe business logic uses including business rules, real-time workflows, and actions
- Describe dataflows and their uses
- Describe solutions and their purpose

Describe 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

Describe AI Builder
- Identify the business value of AI Builder
- Describe models including business card reader, detection model, document processing model, and prediction model
  - Describe how the Power Apps and Power Automate can consume AI Builder data
  - Describe how AI Builder is consumed in Microsoft Teams and Microsoft SharePoint

Demonstrate the capabilities of Power BI (20–25%)

Identify common Power BI components
- Identify and describe uses for visualization controls including pie, bar, donut, and scatter plots and KPIs
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• Compare and contrast dashboards, workspaces, and reports
• Describe the Power BI security model
• Describe using Power BI in mobile apps

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Demonstrate the capabilities of Power Apps (25–30%)

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Build a basic canvas app
• Describe types of data sources
• Connect to data sources by using connectors
• Create an app from data
• Use controls to design the user experience
• Publish and share an app
• Describe embedding into Microsoft Teams

Build a basic model-driven app
• Create a model-driven app from tables
• Modify forms
• Create and modify views and columns
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Build a basic cloud flow

- Create a cloud flow by using the instant, automated, or scheduled flow template
- Modify a cloud flow
- Use flow steps to perform data operations
- Run a cloud flow

Demonstrate the capabilities of Power Virtual Agents (5–10%)

Describe 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 to different applications including Microsoft Teams, websites, and other apps