Study Guide

Exam PL-100: Microsoft Power Platform App Maker

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.

Useful links	Description
How to earn the certification	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.
Certification renewal	Once you earn your certification, don't let it expire. When you have an active certification that's expiring within six months, you should renew it—at no cost— by passing a renewal assessment on Microsoft Learn. Remember to renew your certification annually if you want to retain it.
Your Microsoft Learn profile	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.
Passing score	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.
Exam sandbox	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,

Useful links	Description
	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.
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.

Objective domain: skills the exam measures

The English language version of this exam was updated on September 26, 2022.

Some exams are localized into other languages, and those are updated approximately six or seven 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
- Design business solutions (20-25%)
- Analyze and visualize data (10-15%)
- Create business solutions (60-65%)

Microsoft

Functional groups

Design business solutions (20–25%)

Create a high-level design

- Identify existing data sources needed to support a business solution
- Describe the expected user experience for targeted devices and describe the differences between Microsoft Power Platform app types
- Create a high-level structure for a new data source

Identify Microsoft Power Platform components

- Determine the required Power Apps app type for a business solution
- Determine when to use Dataverse for Teams
- Map a problem domain to Microsoft Power Platform tools
- Identify options for implementing business logic
- Describe connectors
- Describe uses cases for cloud flows and desktop flows
- Describe use cases for chatbots in Microsoft Teams

Design the user interface (UI) for a business solution

- Identify opportunities for component reuse
- Select UI elements for canvas apps
- Identify the model-driven forms and Microsoft Dataverse views that are needed

Design reporting and visualizations for business solutions

- Select reporting options for business solutions including views, Power BI visualizations, and dashboards
- Define visualizations for Power BI dashboards
- Define visualizations for model-driven dashboards
- Define visualizations for canvas apps

Analyze and visualize data (10–15%)

Create and consume Power BI dashboards

- Create a simple report from an existing dataset by using Power BI Service
- Create Power BI dashboards from existing reports
- Create and configure model-driven dashboards
- Embed Power BI dashboards and tiles in canvas apps and model-driven apps
- Share Power BI dashboards

Microsoft

Describe AI Builder models

- Describe use cases for AI Builder
- Describe differences between prebuilt models and custom models
- Describe the process for training custom models
- Use a model from within Power Automate or Power Apps

Create business solutions (60–65%)

Manage Microsoft Power Platform components during development

- Create a Dataverse solution
- Import a Dataverse solution
- Import or export a canvas app or a cloud flow
- Add existing apps and flows to a Dataverse solution

Create model-driven apps

- Compose model-driven apps
- Create and configure Dataverse table forms
- Create and configure Dataverse table views
- Share model-driven apps with other users and groups
- Create and configure model-driven dashboards

Create and manage canvas apps

- Connect to data sources in canvas apps
- Interpret App Checker results
- Manage versions of canvas apps
- Publish canvas apps
- Share canvas apps with other users and groups
- Build canvas apps screens
- Add canvas app assets and components to screens

Create screens for canvas apps

- Determine when to use forms, galleries, button, labels, input controls, images, and custom controls
- Configure UI elements
- Implement Power Fx formulas
- Implement collections and variables
- Run a Power Automate flow from a canvas app

Configure Microsoft Dataverse

- Create tables and table columns based on a data model
- Link tables by using lookups

Microsoft

- Describe use cases and capabilities of business rules
- Create Dataverse business rules
- Describe how Dataverse uses role-based access control (RBAC)
- Add table permissions to existing Dataverse security roles

Create Power Automate flows

- Describe types of triggers for cloud flows
- Create cloud flows
- Configure triggers for cloud flows
- Configure flow steps
- Test a cloud flow
- Implement conditional logic for a cloud flow
- Create approvals and monitor the approval process by using Power Automate and Microsoft Teams
- Share cloud flows
- Create a desktop flow for personal use

Create Power Virtual Agents chatbots in Microsoft Teams

- Identify use cases and capabilities for chatbots
- Create a chatbot that uses topics and trigger phrases
- Test 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.

Study resources	Links to learning and documentation
Get trained	Choose from self-paced learning paths and modules or take an instructor led course
Find documentation	Microsoft Power Apps documentation Microsoft Dataverse Power BI documentation Power Automate documentation Microsoft Power Virtual Agents documentation Planning a Power Apps project Canvas apps Model-driven apps

Microsoft

Study resources	Links to learning and documentation
Ask a question	Microsoft Q&A	Microsoft Docs
Get community support	Power Apps - Power Platform Community Microsoft Power Automate - Power Platform Community
Follow Microsoft Learn	Microsoft Learn - Microsoft Tech Community
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