

PL-100: Microsoft Power Platform App Maker Associate Exam Study Guide

March 28, 2023 by [Sonali Jain](#)



★★★★★ 5/5 - (17 votes)

PL-100 certification is required to become a certified Power Platform App Maker. Microsoft's Power Platform App Maker simplifies and automates tasks and processes for themselves and their team based on deep knowledge of the solution domain. They have skills in data modeling, user experience design, and requirements analysis.

The PL-100 certification exam measures your skills in designing, creating, analyzing, and managing solutions using Power Platform Maker. The certification is ideal for those interested in automating and simplifying tasks

friendly GUIs, and the ability to tailor security models to meet customer needs. It also opens up many career opportunities because of the rising demand for Power Platform App Makers.

This article discusses the PL-100 certification exam, its benefits, and frequently asked questions.

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PL-100 Certification Overview

This Microsoft PL-100 exam measures how well you do technical things like designing solutions, creating solutions, analyzing data, and implementing and managing solutions.

In a Microsoft app maker's role, they simplify, automate, and transform processes and tasks for themselves and their team, where they are experts.

Their skills include data modeling, UX design, requirements analysis, and process analysis.

Microsoft PL-100 has 40-60 questions you have to answer in 120 minutes. To pass, you need 700 points or more.



Are you new to Azure Cloud? Do check out our blog post on the [Azure Certification Path](#) and choose the best certification for you.

Who Is Microsoft Power Platform App Maker?

The Microsoft Power Platform App Maker simplifies, automates, and transforms tasks and processes for themselves and their teams, based on deep knowledge of the solution business domain.

They have basic skills in data modeling, user experience design, requirements analysis, and process analysis.

Microsoft Power Platform App Maker enables businesses to create and enforce business processes, structure digital data collection, make repeatable tasks more efficient, and automate business processes.

To solve business problems, the App Maker uses the Maker tools in the Power Platform. In addition to Microsoft apps, they can use third-party productivity

tools.

Microsoft Power Platform App Maker understands how to use available tools and is aware of their capabilities and limitations. It focuses on solutions and is self-directed.

Although they don't have formal IT training, they know how to use technology to solve business problems. It's their job to understand the operational need and see the big picture. They use phased and iterative approaches to solving problems.

Also Read: [PL-300: Exam Study Guide](#)

Who This Certification Is For?

- If you want to get a job on a process improvement team using Power Apps, studying for the PL-100 certification would be a good way to learn the skills.
- This course is for you if you'd like to build Power Platform apps, flows, and other stuff. Using this, you can simplify and automate stuff.

Why PL-100 Certification?

The following are the major reasons to consider PL-100 certification:

- Your skills will be recognized as a skilled professional.
- This certification knowledge will help you use the right components.
- Ability to build user-friendly GUIs.
- The security model can be tailored to the customer's business requirements.
- This course teaches you how to create dashboards.
- After passing the certification exam, you can help clients migrate to Power Platform clusters.

Check Out: [What is Microsoft Azure portal?](#)

Benefits of PL-100 Certification

Following are the key benefits of PL-100 certification

- Become a Power Platform expert in maker tools
- Stay ahead of the technology curve by understanding the business areas that Power Platform components serve
- Discover the key secrets behind user-friendly GUIs
- Create a security model that fits the customer's business
- Use Microsoft Power Automate to automate business processes
- With Power Automate, you can manage environmental changes.
- Using AI-builder, you can build, train, and publish a model without writing a line of code
- It's a boost for any business to get the Microsoft Power Platform App Maker certification
- It's no secret that Microsoft has put a lot of emphasis on Power Platform, and its demand is skyrocketing.
- You don't just create apps with it, but you can simplify the existing business model.
- If you pass the exam, you'll be ready for an ocean of opportunities for your bright career.

PL-100 Exam Details

Exam Name PL-100: Microsoft Power Platform App Maker Associate	Passing Marks 700
Exam Fee \$165	Exam Duration 100 Minutes

Exam Validity 1 Year	Exam Languages English, Japanese, German, French, Spanish, Portuguese (Brazil), Italian, Chinese (Simplified)
Total Questions 40-60 Questions	Exam Type Multiple-choice and Multiple response questions

PL-100 Exam Skills Measured

Design business solutions	20-25%
Analyze and visualize data	10-15%
Create business solutions	60-65%

Also Check: [Top 11 Reasons to Get a Microsoft Azure Certification](#)

How to Register for PL-100 Certification Exam

You can register for the Microsoft Power Platform App Maker Associate Exam (PL-100) by going to the [Official Microsoft Page](#).

Schedule exam

Exam PL-100: Microsoft Power Platform App Maker United States ▾

Languages: English, Japanese, German, French, Spanish, Portuguese (Brazil), Italian, Chinese (Simplified)
Retirement date: none

This exam measures your ability to accomplish the following technical tasks: design business solutions; analyze and visualize data; and create business solutions.

\$165 USD*
Price based on the country or region in which the exam is proctored.

[Schedule exam >](#)

MeasureUp practice test for Microsoft Power Platform App Maker
All objectives of the exam are covered in depth so you'll be ready for any question on the exam.

Prerequisite for PL-100 Certification

- The Microsoft Power Platform App Maker exam requires candidates to

understand data modeling, user experience design, requirements, and process analysis.

- Fundamental knowledge about mobile/tab views and Power Platform features.
- PL-900, Microsoft Power Platform Fundamentals, is suggested but not required.

Also Check: [PL-400 Exam Study Guide](#)

PL-100 Exam Study Guide

Design business solutions (20–25%)

Create a high-level design

- Identify existing data sources needed to support a business solution
 - [Understand data sources for canvas apps](#)
- Describe the expected user experience for targeted devices and describe the differences between Microsoft Power Platform app types
 - [Overview of creating apps in Power Apps](#)
- Describe the expected logic and steps that a process will execute
- Create a high-level structure for a new data source

Identify Microsoft Power Platform components

- Determine the required Microsoft Power Apps app type for a business solution
 - [Solutions overview](#)
- Determine when to use Microsoft Dataverse for Teams
 - [About the Microsoft Dataverse for Teams environment](#)
- Map a problem domain to Microsoft Power Platform tools
 - [Identifying the business problem to solve \(the use case\)](#)
 - [Add a custom domain name](#)

- Identify options for implementing business logic
 - [Apply business logic in Microsoft Dataverse](#)
- Describe connectors
 - [Connectors overview](#)
- Describe uses cases for cloud flows and desktop flows
 - [Overview of the different types of flows](#)
- Describe use cases for chatbots

Design the user interface (UI) for a business solution

- Identify opportunities for component reuse
 - [Component library](#)
- Select UI elements for canvas apps
 - [Add and configure controls in canvas apps](#)
- Identify the model-driven forms and Dataverse views that are needed
 - [Understand model-driven app views](#)

Design reporting and visualizations for business solutions

- Select reporting options for business solutions including views, Microsoft Power BI visualizations, and dashboards
 - [Share Power BI reports and dashboards with coworkers and others](#)
- Define visualizations for Power BI dashboards
 - [Introduction to dashboards for Power BI designers](#)
 - [Visualizations in Power BI reports](#)
- Define visualizations for model-driven dashboards
 - [Customize visualizations and dashboards](#)
 - [View data with visualizations \(charts\)](#)
- Define visualizations for canvas apps
 - [Power Apps visual for Power BI](#)

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 quick reports in the Power BI service](#)
- Create Power BI dashboards from existing reports
 - [Create a Power BI dashboard from a report](#)
- Embed Power BI dashboards and tiles in canvas apps and model-driven apps
 - [Embed a Power BI report in a model-driven app main form](#)
- Share Power BI dashboards
 - [Share Power BI reports and dashboards with coworkers and others](#)

Describe AI Builder models

- Describe use cases for AI Builder
 - [AI models and business scenarios](#)
- Describe differences between prebuilt models and custom models
 - [Overview of prebuilt AI models](#)
- Describe the process for training custom models
- Use a model from within Microsoft Power Automate or Microsoft Power Apps
 - [AI Builder in Power Apps overview](#)

Create business solutions (60–65%)

Manage Microsoft Power Platform components during development

- Create a publisher in Dataverse
- Create a Dataverse solution
 - [Introduction to solutions](#)
- Export or import Dataverse solution
 - [Import or export data from Dataverse](#)

- Export or import a canvas app or a cloud flow
 - [Export and import canvas app packages](#)
- Add existing apps and flows to a Dataverse solution
 - [Overview of how to integrate Power Automate flows with Dataverse](#)

Create model-driven apps

- Create model-driven apps
 - [What are model-driven apps in Power Apps?](#)
- Create and configure Dataverse table forms
 - [Create and design model-driven app forms](#)
- Create and configure Dataverse table views
- Share model-driven apps with other users and groups
 - [Share a model-driven app using Power Apps](#)
- Create and configure model-driven dashboards

Create and manage canvas apps

- Connect to data sources in canvas apps
 - [Understand data sources for canvas apps](#)
- Interpret App checker results
 - [Use solution checker to validate your model-driven apps in Power Apps](#)
- Manage versions of canvas apps
 - [Restore a canvas app to a previous version](#)
- Publish canvas apps
 - [Save and publish canvas apps](#)
- Share canvas apps with other users and groups
 - [Share a canvas app with your organization](#)
- Build canvas apps screens
 - [Create responsive layouts in canvas apps](#)
- Add canvas app assets and components to screens
 - [Canvas component overview](#)

Create screens for canvas apps

- Determine when to use forms, galleries, button, labels, input controls, images, and custom controls
 - [Gallery control in Power Apps](#)
 - [Controls and properties in canvas apps](#)
- Configure UI elements
 - [Automate using UI elements](#)
- Implement Power Fx formulas
 - [Microsoft Power Fx overview](#)
 - [Power Fx formula reference for Power Apps](#)
- Implement collections and variables
- Run a cloud flow from a canvas app
 - [Start a flow in a canvas app \(retired\)](#)

Configure Microsoft Dataverse

- Create tables and table columns based on a data model
 - [Create a custom table](#)
- Link tables by using lookups
 - [Create a relationship between tables](#)
 - [Multi-table lookups](#)
- Describe use cases and capabilities of business rules
 - [Define and create business rules in Dataverse](#)
- Create Dataverse business rules
 - [Create a business rule for a table](#)
- Describe how Dataverse uses role-based access control (RBAC)
 - [Security concepts in Microsoft Dataverse](#)
- Add table permissions to existing Dataverse security roles

Create Power Automate flows

- Describe types of triggers for cloud flows

- [Get started with triggers](#)
- Create cloud flows
 - [Create a cloud flow in a solution](#)
- Configure triggers for cloud flows
 - [Trigger a cloud flow based on email properties](#)
- Configure flow actions
- Test a cloud flow and interpret flow checker results
- Implement conditional logic for a cloud flow
 - [Add a condition to a cloud flow](#)
- Create approvals and monitor the approval process by using Power Automate and Teams
 - [Approvals in Microsoft Teams](#)
- Share cloud flows
 - [Share a cloud flow](#)
- Create a desktop flow for personal use
 - [Create desktop flows](#)

Create Microsoft Power Virtual Agents chatbots in Microsoft Teams

- Identify use cases and capabilities for chatbots
 - [Power Virtual Agents overview](#)
- Create a chatbot that uses topics and trigger phrases
 - [Create and edit topics in your Power Virtual Agents bot](#)
- Test a chatbot
 - [Test your Power Virtual Agents bot](#)
- Publish a chatbot
 - [Key concepts – Publish your bot](#)

PL-100 Exam Retake Policy

Here is how you can retake the Microsoft Exam PL-100

1. Those who are unable to pass the exam on their first try must wait for a

- minimum of 24 hours before making another attempt.
2. A minimum gap of 14 days is necessary for candidates who fail the exam for the second time before attempting it again.
 3. If someone attempts the exam for the fourth or fifth time, they must also wait for a period of 14 days before attempting it again.

Conclusion

With the Power Platform App Maker, businesses can simplify and automate tasks. An individual who passes the PL-100 certification exam will be able to design, create, analyze, and manage solutions using Power Platform Maker.

With this certification, you'll be able to build user-friendly GUIs and tailor security models to meet customer requirements, as well as gain career advancement opportunities.

For Power Platform app developers interested in automating and simplifying tasks, PL-100 is the certification for you. Power Platform App Makers are in high demand, and this [microsoft](#) certification gives them a competitive edge.

It is possible to pursue this certification without formal IT training, as long as you know basic data modeling, user experience design, requirements, and process analysis. It's a great opportunity for people interested in building their skills and becoming experts on maker tools to get the PL-100 certification.

FAQs

Q1. Is the PL-100 exam worth it?

The PL-100 Power Platform certification was announced by Microsoft at Inspire 2020. As a result, the certification is still gaining recognition. Power Platform App Maker Associate (PL-100) certification is beneficial to both

professional and citizen developers. It is either to learn new App Maker skills or to validate existing Power App skills.

Q2. How hard is the PL-100 exam?

There are 40-60 questions in the Microsoft PL-100 that have to be answered in 120 minutes. It's important to manage your time. A score of 700 or more points is required to pass. Compared to PL-200, PL-100 is the easiest.

Q3. How long is PL-100 valid for?

PL-100: Microsoft Power Platform App Maker Certification will remain valid for one year.

Q4. How long is the PL-100 exam?

PL-100 exam is 100 minutes long.

Q5. How many questions are on the PL-100?

The Microsoft Power Platform App Maker PL-100 exam has 40-60 questions.

Q6. What is a pass score for PL-100?

The passing score for the Microsoft pl100 exam is 700 out of 1000 marks.

Q7. How much does it cost to take the PL 100 exam?

The PL 100 exam costs \$165 USD.

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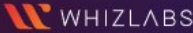
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Sonali Jain

Sonali Jain is a highly accomplished Microsoft Certified Trainer, with over 6 certifications to her name. With 4 years of experience at Microsoft, she brings a wealth of expertise and knowledge to her role. She is a dynamic and engaging presenter, always seeking new ways to connect with her audience and make complex concepts accessible to all.



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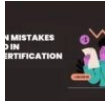


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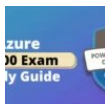


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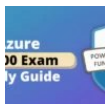
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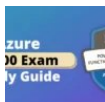
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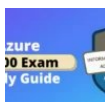
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