

Microsoft Certified: Power Platform App Maker Associate – Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

Exam PL-100: Microsoft Power Platform App Maker

Skills Measured

Design solutions (10-15%)

Create a high-level design

- collect business requirements
- identify data sources
- describe real-world objects as entities
- describe the user experience
- create a high-level data model

Identify required Power Platform components

- determine required Power Apps
- identify existing resources and licenses
- identify gaps between existing functionality and requirements
- map problem domain to Power Platform tools
- identify required business processes
- evaluate accelerators, Microsoft apps and services, and third-party solutions
- describe connectors including standard, premium, and custom connectors

Design data models

- determine required entities
- identify relationships
- identify fields and data types
- determine requirements for offline access

Design User Interface

- identify opportunities for component reuse

- apply user interface (UI) standards
- design for accessibility
- design for localization

Design output

- define data output requirements
- define requirements for visualizations
- identify repositories for analytical data

Design security, privacy, and compliance

- identify data that must be protected or requires special handling
- identify tools that help ensure compliance with applicable government regulations

Understand Power Platform environments

- understand how to get started building apps
- describe the different types of environments
- describe Common Data Service solutions
- describe other environment creation options

Create solutions (55-60%)

Manage Power Platform development environments

- create a solution
- add existing apps and flows to a solution
- run Solution Checker and interpret results

Create model-driven apps

- create model-driven apps
- create a site map
- create and configure Common Data Service entity forms
- create and configure Common Data Service entity views
- embed model-driven app records in Microsoft Teams channels

Create canvas apps

- create canvas apps within a solution
- connect to data sources in canvas apps
- build canvas apps screens
- configure apps for offline access
- use formulas
- use collections and variables
- describe the implications of design choices on app performance
- interpret App Checker results

Create and Use Controls

- add canvas app assets and components to screens
- build canvas app components

Create and configure data stores

- create a Common Data Service database
- configure a connection
- create Common Data Service entities based on a data model
- link entities by using Common Data Service entity relationships
- load or create data records for testing and development

Create business logic

- create Common Data Service business rules
- create Common Data Service business process flows
- create Common Data Service classic workflows
- create business logic using Power Automate flows
- create Canvas app formulas and events

Create Power Automate flows

- create flows in a solution
- configure triggers
- build scheduled, automated, and instant flows
- configure flow steps
- interpret Flow Checker results
- test a flow
- implement common expressions and loops
- create adaptive cards for Microsoft Teams

Analyze and visualize data (5-10%)

Create Power BI reports

- create Power BI report by using Power BI Desktop
- create Power BI report by using Power BI service

Implement other reports

- merge data from a data source into a Microsoft Word or Excel template
- create model-driven dashboards
- create model-driven charts
- add existing Power BI tile or dashboard to a model-driven dashboard

Describe AI Builder models

- identify model types including prebuilt and custom models
- describe the process for preparing data and training models
- use a model from within Power Automate or Power Apps

Implement and manage solutions (15-20%)

Configure Common Data Service security

- configure security roles
- configure field security

Test apps and flows

- describe the testing process
- implement Power Platform testing tools
- validate accessibility

Secure a solution

- manage data security
- manage app security
- share flows
- share Power BI reports

Deploy the solution

- export solutions
- move individual apps and flows between environments
- support deployment of solutions to testing and production environments

Manage versions of canvas apps

- create new versions of an app
- restore a previous version of an app
- publish a new version of an app