

NOTE 1: 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 2: This does not necessarily reflect the training materials (exam ≠ training)

NOTE 3: Exam PL-300 will be available on February 28, 2022.

NOTE 4: Document created Feb 22, 2022 - This may have been changed meanwhile. Always consult exam pages for latest info

Exam PL-300		Exam DA-100	
Prepare the Data (15-20%)		Prepare the Data (20-25%)	
Get data from different data sources		Get data from different data sources	
identify and connect to a data source		identify and connect to a data source	
change data source settings		change data source settings	
select a shared dataset or create a local dataset		select a shared dataset or create a local dataset	
select a storage mode		select a storage mode	
use Microsoft Dataverse		use Microsoft Dataverse	
change the value in a parameter		use parameters	
connect to a data flow		use or create a data flow	
		choose an appropriate query type	
		identify query performance issues	
		use or create a PBIDS file	
		connect to a dataset using the XMLA endpoint Profile the data	
		Profile the data	
		identify data anomalies	
		examine data structures	
		interrogate column properties	
		interrogate data statistics	
Clean, transform, and load the data		Clean, transform, and load the data	
profile the data		resolve inconsistencies, unexpected or null values, and data quality issues	
resolve inconsistencies, unexpected or null values, and data quality issues		identify and create appropriate keys for joins	
identify and create appropriate keys for joins		evaluate and transform column data types	
evaluate and transform column data types			
shape and transform tables		combine queries	
combine queries		apply user-friendly naming conventions to columns and queries	
apply user-friendly naming conventions to columns and queries		configure data loading	
configure data loading		resolve data import errors	
resolve data import errors		apply user-friendly value replacements	
		apply data shape transformations to table structures	
		leverage Advanced Editor to modify Power Query M code	
Model the Data (30—35%)		Model the Data (25-30%)	
Design a data model		Design a data model	
define the tables		define the tables	
configure table and column properties		configure table and column properties	
design and implement role-playing dimensions		define role-playing dimensions	
define a relationship's cardinality and cross-filter direction		define a relationship's cardinality and cross-filter direction	

create a common date table	create a common date table
design a data model that uses a star schema	
	design the data model to meet performance requirements
	resolve many-to-many relationships
	define the appropriate level of data granularity
	apply or change sensitivity labels
	define quick measures
	flatten out a parent-child hierarchy
Develop a data model	Develop a data model
create calculated tables	create calculated tables
create hierarchies	create hierarchies
create calculated columns	create calculated columns
implement row-level security roles	implement row-level security roles
use the Q&A feature	set up the Q&A feature
	implement object-level security
	apply cross-filter direction and security filtering
Create model calculations by using DAX	Create measures by using DAX
create basic measures by using DAX	use DAX to build complex measures
use CALCULATE to manipulate filters	use CALCULATE to manipulate filters
implement Time Intelligence using DAX	implement Time Intelligence using DAX
replace implicit measures with explicit measures	replace numeric columns with measures
use basic statistical functions	use basic statistical functions to enhance data
create semi-additive measures	create semi-additive measures
use quick measures	define quick measures
Optimize model performance	Optimize model performance
remove unnecessary rows and columns	remove unnecessary rows and columns
identify poorly performing measures, relationships, and visuals	identify poorly performing measures, relationships, and visuals
reduce cardinality levels to improve performance	improve cardinality levels by changing data types
	improve cardinality levels through summarization
	create and manage aggregations
	use Query Diagnostics
Visualize and Analyze the Data (25—30%)	Visualize the Data (20-25%)
Create reports	Create reports
add visualization items to reports	add visualization items to reports
choose an appropriate visualization type	choose an appropriate visualization type
format and configure visualizations	format and configure visualizations
use a custom visual	import a custom visual
apply and customize a theme	
configure conditional formatting	configure conditional formatting
apply slicing and filtering	apply slicing and filtering
configure the report page	configure the report page
use the Analyze in Excel feature	
choose when to use a paginated report	create a paginated report
	configure small multiples
	add an R or Python visual
	add a Smart Narrative visual
	design and configure for accessibility
	configure automatic page refresh

		create a PivotTable from a Power BI dataset in Excel
Create dashboards		Create dashboards
manage tiles on a dashboard		manage tiles on a dashboard
configure mobile view		set mobile view
use the Q&A feature		use the Q&A feature
add a Quick Insights result to a dashboard		
apply a dashboard theme		add a dashboard theme
pin a live report page to a dashboard		pin a live report page to a dashboard
		configure data alerts
Enhance reports for usability and storytelling		Enrich reports for usability
configure bookmarks		configure bookmarks
create custom tooltips		create custom tooltips
edit and configure interactions between visuals		edit and configure interactions between visuals
configure navigation for a report		configure navigation for a report
apply sorting		apply sorting
configure Sync Slicers		configure Sync Slicers
group and layer visuals by using the selection pane		use the selection pane
drilldown into data using interactive visuals		drilldown into data using interactive visuals
export report data		export report data
design reports for mobile devices		design reports for mobile devices
		use drillthrough and cross filter
Identify patterns and trends		Perform advanced analysis
use the Analyze feature in Power BI		
identify outliers		identify outliers
choose between continuous and categorical axes		
use groupings, binnings, and clustering		use groupings and binnings
use AI visuals		apply AI Insights
use the Forecast feature		
create reference lines by using the Analytics pane		
		conduct Time Series analysis
		use anomaly detection
		use the Key Influencers to explore dimensional variances
		use the decomposition tree visual to break down a measure
		Analyze the Data (10-15%)
		Enhance reports to expose insights
		apply conditional formatting
		apply slicers and filters
		perform top N analysis
		explore statistical summary
		use the Q&A visual
		add a Quick Insights result to a report
		create reference lines by using Analytics pane
		use the Play Axis feature of a visualization
		personalize visuals
Deploy and Maintain Assets (20—25%)		Deploy and Maintain Deliverables (10-15%)
Manage files and datasets		Manage datasets
identify when a gateway is required		
configure a dataset scheduled refresh		configure a dataset scheduled refresh

	configure row-level security group membership provide access to datasets manage global options for files 		configure row-level security group membership provide access to datasets 
	Manage workspaces create and configure a workspace assign workspace roles configure and update a workspace app publish, import, or update assets in a workspace apply sensitivity labels to workspace content configure subscriptions and data alerts promote or certify Power BI content 		configure incremental refresh settings promote or certify Power BI datasets identify downstream dataset dependencies configure large dataset format 
			Manage workspaces create and configure a workspace assign workspace roles configure and update a workspace app publish, import, or update assets in a workspace apply sensitivity labels to workspace content configure subscriptions promote or certify Power BI content recommend a development lifecycle strategy use deployment pipelines 