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#1 Online Certification Guide

MICROSOFT PL-300

Microsoft Power BI Data Analyst Certification Questions & Answers

Exam Summary – Syllabus –Questions

PL-300
Microsoft Certified - Power BI Data Analyst Associate
40-60 Questions Exam – 700 / 1000 Cut Score – Duration of 180 minutes

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Know Your PL-300 Certification Well:

The PL-300 is best suitable for candidates who want to gain knowledge in the Microsoft Power BI. Before you start your PL-300 preparation you may struggle to get all the crucial Power BI Data Analyst materials like PL-300 syllabus, sample questions, study guide.

But don't worry the PL-300 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the PL-300 syllabus?
- How many questions are there in the PL-300 exam?
- Which Practice test would help me to pass the PL-300 exam at the first attempt?

Passing the PL-300 exam makes you Microsoft Certified - Power BI Data Analyst Associate. Having the Power BI Data Analyst certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Microsoft PL-300 Power BI Data Analyst Certification Details:

Exam Name	Microsoft Certified - Power BI Data Analyst Associate
Exam Code	PL-300
Exam Price	$165 (USD)
Duration	180 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**Course PL-300T00: Microsoft Power BI Data Analyst**
Schedule Exam	**Pearson VUE**
Sample Questions	**Microsoft Power BI Data Analyst Sample Questions**
Practice Exam	**Microsoft PL-300 Certification Practice Exam**

PL-300 Syllabus:

Topic	Details
Prepare the Data (15-20%)	
Get data from different data sources	- identify and connect to a data source - change data source settings - select a shared dataset or create a local dataset - select a storage mode - use Microsoft Dataverse - change the value in a parameter - connect to a data flow
Clean, transform, and load the data	- profile the data - resolve inconsistencies, unexpected or null values, and data quality issues - identify and create appropriate keys for joins - evaluate and transform column data types - shape and transform tables - combine queries - apply user-friendly naming conventions to columns and queries - configure data loading - resolve data import errors
Model the Data (30-35%)	
Design a data model	- define the tables - configure table and column properties - design and implement role-playing dimensions - define a relationship's cardinality and cross-filter direction - design a data model that uses a star schema - create a common date table
Develop a data model	- create calculated tables - create hierarchies - create calculated columns - implement row-level security roles - use the Q&A feature

Topic	Details
Create model calculations by using DAX	- create basic measures by using DAX - use CALCULATE to manipulate filters - implement Time Intelligence using DAX - replace implicit measures with explicit measures - use basic statistical functions - create semi-additive measures - use quick measures
Optimize model performance	- remove unnecessary rows and columns - identify poorly performing measures, relationships, and visuals - reduce cardinality levels to improve performance
Visualize and Analyze the Data (25-30%)	
Create reports	- add visualization items to reports - choose an appropriate visualization type - format and configure visualizations - use a custom visual - apply and customize a theme - configure conditional formatting - apply slicing and filtering - configure the report page - use the Analyze in Excel feature - choose when to use a paginated report
Create dashboards	- manage tiles on a dashboard - configure mobile view - use the Q&A feature - add a Quick Insights result to a dashboard - apply a dashboard theme - pin a live report page to a dashboard
Enhance reports for usability and storytelling	- configure bookmarks - create custom tooltips - edit and configure interactions between visuals - configure navigation for a report - apply sorting - configure Sync Slicers

Topic	Details
	- group and layer visuals by using the selection pane - drilldown into data using interactive visuals - export report data - design reports for mobile devices
Identify patterns and trends	- use the Analyze feature in Power BI - identify outliers - choose between continuous and categorical axes - use groupings, binnings, and clustering - use AI visuals - use the Forecast feature - create reference lines by using the Analytics pane
Deploy and Maintain Assets (20-25%)	
Manage files and datasets	- identify when a gateway is required - configure a dataset scheduled refresh - configure row-level security group membership - provide access to datasets - manage global options for files
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

Microsoft PL-300 Sample Questions:

Question: 1

You have a Power BI tenant. You have reports that use financial datasets and are exported as PDF files. You need to ensure that the reports are encrypted. What should you implement?

a) dataset certifications
b) row-level security (RLS)
c) sensitivity labels
d) Microsoft Intune policies

Answer: c

Question: 2

Reference Scenario: **click here**

You have a large dataset that contains more than 1 million rows. The table has a datetime column named Date. You need to reduce the size of the data model. What should you do?

a) Round the hour of the Date column to startOfHour
b) Change the data type of the Date column to Text
c) Trim the Date column
d) Split the Date column into two columns, one that contains only the time and another that contains only the date

Answer: d

Question: 3

You've created a report that you published to a workspace. A few business users need to have the ability to view the reports. What's the most appropriate way to achieve this?

Your solution must consider that the report audience may change in the future and that you've already created other reports in the workspace that will be ready to be shared at a later date.

a) Share an app with individual users.
b) Share an app with a security group.
c) Share report from workspace with individuals.
d) Give the users the Viewer role in the workspace.

Answer: b

Question: 4

Reference Scenario: **click here**

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals?

Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

a) a line chart that shows balances by quarter filtered to account categories that are longterm liabilities
b) a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters
c) a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities
d) a pie chart that shows balances by account category without filters
e) a ribbon chart that shows balances by quarter and accounts in the legend

Answer: a, c

Question: 5

Your department wants to see a single visual that explains the factors that contribute to revenue growth the most. Which visualization should you use?

a) Decomposition tree
b) Funnel chart
c) Key influencers
d) Stacked column chart

Answer: c

Question: 6

Reference Scenario: **click here**

What is the minimum number of datasets and storage modes required to support the reports?

a) two imported datasets
b) a single Direct Query dataset
c) two DirectQuery datasets
d) a single imported dataset

Answer: a

Question: 7

You need to ensure that users can effectively navigate your reports by using the keyboard. Which property should you configure?

a) Bookmarks
b) Layer order
c) Mobile layout
d) Tab order

Answer: d

Question: 8

Reference Scenario: **click here**
You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

a) stacked area chart
b) line chart
c) donut chart
d) waterfall chart

Answer: b
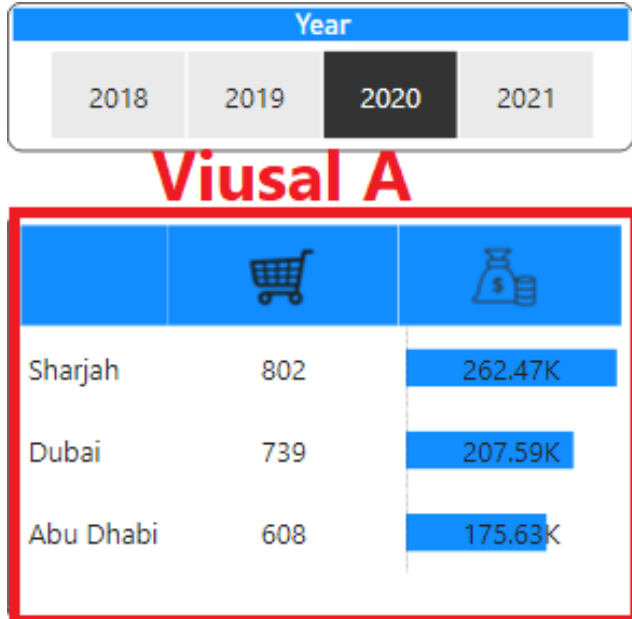
Question: 9

Reference Scenario: **click here**
Which DAX expression should you use to get the ending balances in the balance sheet reports?

a) CALCULATE (
   SUM(BalanceSheet [BalanceAmount]), DATESQTD('Date'[Date])
)
a) CALCULATE (
   SUM(BalanceSheet [BalanceAmount]), LASTDATE('Date'[Date])
)
b) FIRSTNONBLANK ('Date' [Date]
   SUM(BalanceSheet[BalanceAmount])
)
c) CALCULATE (
   MAX(BalanceSheet[BalanceAmount]), LASTDATE('Date' [Date])
)

Answer: a

Question: 10

You have a report page named Sales which contains visual A, showing total sales for each city for the selected year, as shown in the exhibit.

You need to configure an interaction for this visual. When clicking Drill through, it should redirect to a detail page that shows Sales for the selected city by Product Line and will preserve all the filters from the Sales page.

Which four actions should you perform?

Each correct answer presents part of the solution.

a) On the Detail page, under the drill through option, add City column as the drill through field.
b) On the Sales page, under the drill through option, add City column as the drill through field.
c) Create a table visual named Visual B to show total sales by city and product line.
d) On the Sales page, under the drill through option, set Keep all filters to On.
e) Create a new page named Detail.
f) On the Detail page, under the drill through option, set Keep all filters to On.

Answer: a, c, e, f

Study Guide to Crack Microsoft Power BI Data Analyst PL-300 Exam:

- Getting details of the PL-300 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the PL-300 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for PL-300 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the PL-300 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on PL-300 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for PL-300 Certification

Make EduSum.com your best friend during your Microsoft Power BI Data Analyst exam preparation. We provide authentic practice tests for the PL-300 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual PL-300 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the PL-300 exam.

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