MICROSOFT PL-300

Microsoft Power BI Data Analyst Certification Questions & Answers

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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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Discover More about the PL-300 Certification

Are you interested in passing the Microsoft PL-300 exam? First discover, who benefits from the PL-300 certification. The PL-300 is suitable for a candidate if he wants to learn about Microsoft Power BI. Passing the PL-300 exam earns you the Microsoft Certified - Power BI Data Analyst Associate title.

While preparing for the PL-300 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The PL-300 PDF contains some of the most valuable preparation tips and the details and instant access to useful **PL-300 study materials just at one click**.

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

Topic	Details
	- 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
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

Topic	Details
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 - 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

Topic	Details
	- 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

Broaden Your Knowledge with Microsoft PL-300 Sample Questions:

Question: 1
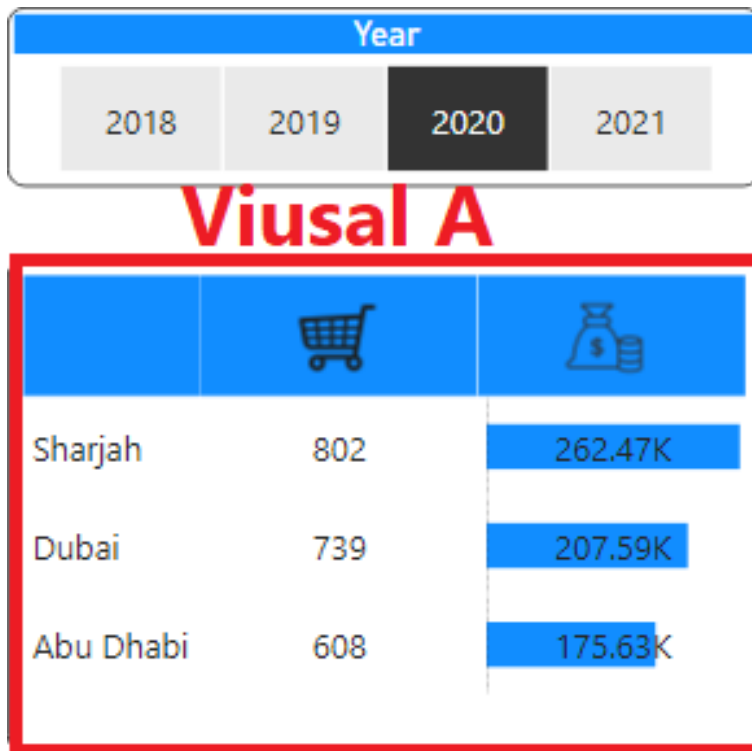
Reference Scenario: **click here**

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: 2

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

Question: 3

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: 4

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: 5

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: 6

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

Answer: a

Question: 7

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: 8

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: 9

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: 10

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

Avail the Study Guide to Pass Microsoft PL-300 Power BI Data Analyst Exam:

- Find out about the PL-300 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **PL-300 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the PL-300 training. Joining the Microsoft provided training for PL-300 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **PL-300 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. PL-300 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the PL-300 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the PL-300 Certification

EduSum.Com is here with all the necessary details regarding the PL-300 exam. We provide authentic practice tests for the PL-300 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on EduSum.Com for rigorous, unlimited two-month attempts on the **PL-300 practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Microsoft Certified - Power BI Data Analyst Associate.

Start Online Practice of PL-300 Exam by visiting URL

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