CertyIQ

PL-300

Real Exam Questions & Answers

Latest Exam Questions
All Topics Covered
Added New Questions

Microsoft
CERTIFIED

POWER BI
DATA ANALYST

ASSOCIATE

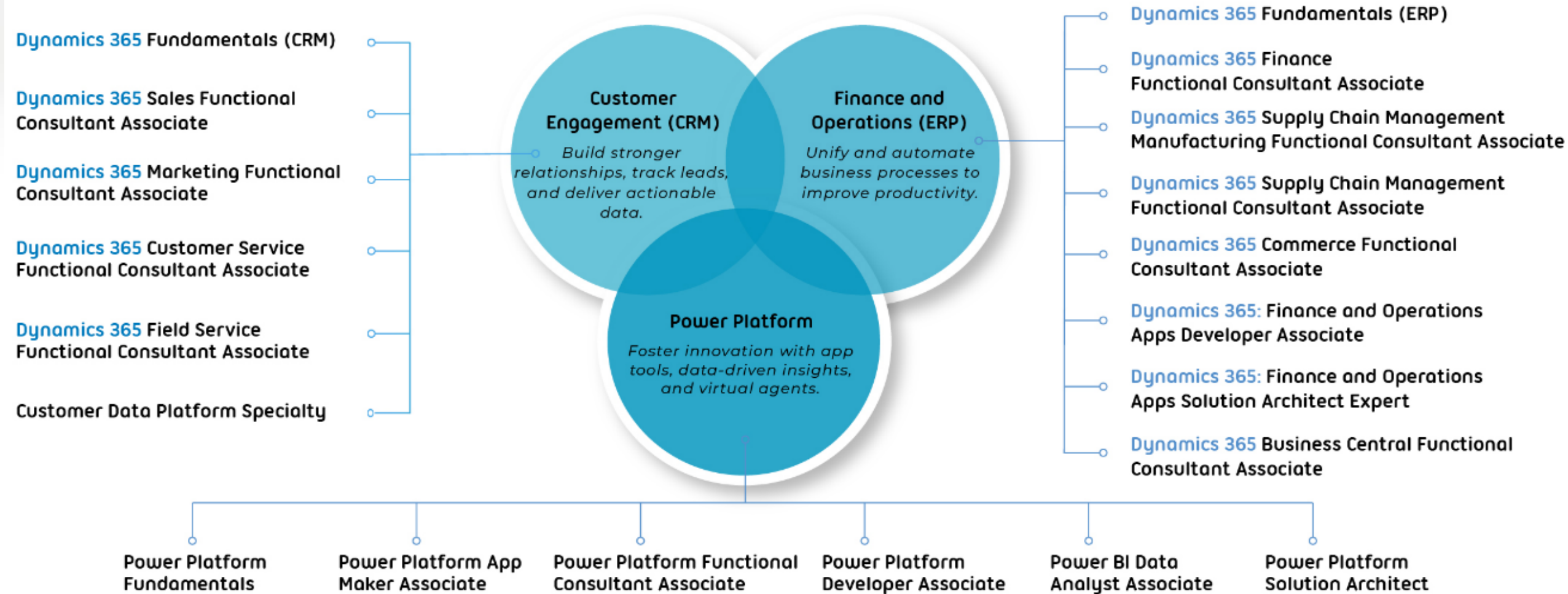**40** IMPORTANT QUESTIONS

PASS
100%
GUARANTEE
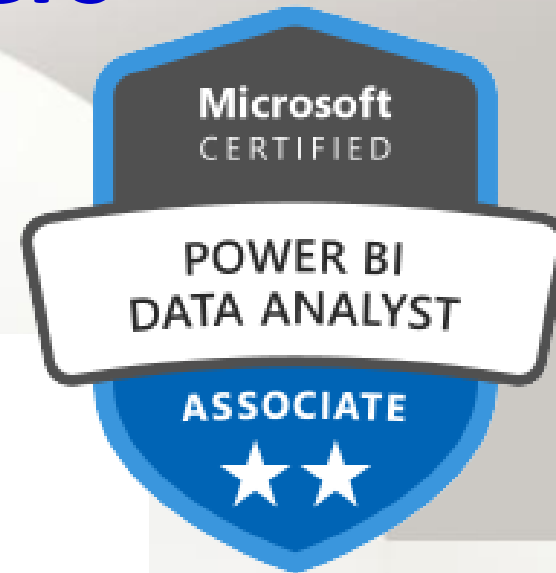
Microsoft Power BI Data Analyst PL-300 Exam Format

Exam Name	Microsoft PL-300
Certification Name	Microsoft Certified: Data Analyst Associate
PL 300 Exam Type	Multiple-choice and Multiple response questions
PL 300 Exam Cost	USD 165.00*
Total Questions	40 – 60 Questions
PL-300 Exam Duration	180 Minutes
Languages	English, Japanese, Chinese (Simplified), and Korean

Upskill with Dynamics 365 and Power Platform certifications

Dynamics 365 Fundamentals (CRM)

Dynamics 365 Sales Functional Consultant Associate

Dynamics 365 Marketing Functional Consultant Associate

Dynamics 365 Customer Service Functional Consultant Associate

Dynamics 365 Field Service Functional Consultant Associate

Customer Data Platform Specialty

Customer Engagement (CRM)
Build stronger relationships, track leads, and deliver actionable data.

Finance and Operations (ERP)
Unify and automate business processes to improve productivity.

Power Platform
Foster innovation with app tools, data-driven insights, and virtual agents.

Dynamics 365 Fundamentals (ERP)

Dynamics 365 Finance Functional Consultant Associate

Dynamics 365 Supply Chain Management Manufacturing Functional Consultant Associate

Dynamics 365 Supply Chain Management Functional Consultant Associate

Dynamics 365 Commerce Functional Consultant Associate

Dynamics 365: Finance and Operations Apps Developer Associate

Dynamics 365: Finance and Operations Apps Solution Architect Expert

Dynamics 365 Business Central Functional Consultant Associate

Power Platform Fundamentals

Power Platform App Maker Associate

Power Platform Functional Consultant Associate

Power Platform Developer Associate

Power BI Data Analyst Associate

Power Platform Solution Architect

PL-300

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment.

How should the visual interactions be set on the column chart when the bar chart is selected?

A. highlight

B. filter

C. no impact

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment.

How should the visual interactions be set on the column chart when the bar chart is selected?

A. highlight

B. filter

C. no impact

Explanation

Correct Answer: A - Highlighted

In most visuals, highlighting doesn't remove the unrelated data. Instead it highlights the related data. The rest of the data remains visible but dimmed.

A user creates a Power BI report named ReportA that uses a custom theme.

You create a dashboard named DashboardA.

You need to ensure that DashboardA uses the custom theme. The solution must minimize development effort.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Publish ReportA to Power BI.

B. From ReportA save the current theme.

C. Publish ReportA to the Microsoft Power BI Community theme gallery.

D. From DashboardA, create a custom theme.

E. From DashboardA, upload a JSON theme.

A user creates a Power BI report named ReportA that uses a custom theme.

You create a dashboard named DashboardA.

You need to ensure that DashboardA uses the custom theme. The solution must minimize development effort.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Publish ReportA to Power BI.

B. From ReportA save the current theme.

C. Publish ReportA to the Microsoft Power BI Community theme gallery.

D. From DashboardA, create a custom theme.

E. From DashboardA, upload a JSON theme.

Explanation

Correct Answer: BE

B. From ReportA save the current theme.

E. From DashboardA, upload a JSON theme.

You need to create a visualization that compares revenue and cost over time.

Which type of visualization should you use?

A. waterfall chart

B. stacked area chart

C. line chart

D. donut chart

You need to create a visualization that compares revenue and cost over time.

Which type of visualization should you use?

A. waterfall chart

B. stacked area chart

C. line chart

D. donut chart

Explanation

Correct Answer: C
Line charts can have many different lines, for example both revenue and cost over time.

You build a report to help the sales team understand its performance and the drivers of sales.

The team needs to have a single visualization to identify which factors affect success.

Which type of visualization should you use?

A. Key influencers

B. Line and clustered column chart

C. Q&A

D. Funnel chart

You build a report to help the sales team understand its performance and the drivers of sales.

The team needs to have a single visualization to identify which factors affect success.

Which type of visualization should you use?

A. Key influencers

B. Line and clustered column chart

C. Q&A

D. Funnel chart

Explanation

Correct Answer: A
The **key influencers** visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers. For example, suppose you want to figure out what influences employee turnover, which is also known as churn. One factor might be employment contract length, and another factor might be commute time.

You have a report that contains four pages. Each page contains slicers for the same four fields.

Users report that when they select values in a slicer on one page, the selections are not persisted on other pages.

You need to recommend a solution to ensure that users can select a value once to filter the results on all the pages.

What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create a bookmark for each slicer value.

B. Replace the slicers with report-level filters.

C. Sync the slicers across the pages.

D. Replace the slicers with page-level filters.

E. Replace the slicers with visual-level filters.

You have a report that contains four pages. Each page contains slicers for the same four fields.

Users report that when they select values in a slicer on one page, the selections are not persisted on other pages.

You need to recommend a solution to ensure that users can select a value once to filter the results on all the pages.

What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create a bookmark for each slicer value.

B. Replace the slicers with report-level filters.

C. Sync the slicers across the pages.

D. Replace the slicers with page-level filters.

E. Replace the slicers with visual-level filters.

Explanation

Correct Answer: BC

B: You can set filters at three different levels for the report: visual-level, page-level, and report-level.

C: You can sync a slicer and use it on any or all pages in a report.

You have a report that includes a card visualization.

You need to apply the following conditional formatting to the card while minimizing design effort:

☞ For values that are greater than or equal to 100, the font of the data label must be dark red.

☞ For values that are less than 100, the font of the data label must be dark gray.

Which type of format should you use?

A. Color scale

B. Rules

C. Field value

You have a report that includes a card visualization.

You need to apply the following conditional formatting to the card while minimizing design effort:

☞ For values that are greater than or equal to 100, the font of the data label must be dark red.

☞ For values that are less than 100, the font of the data label must be dark gray.

Which type of format should you use?

A. Color scale

B. Rules

C. Field value

Explanation

Correct Answer: B
Finding the conditional formatting in the card visual is a bit tricky. There is no separate option for that. You need to go to the Format tab of the visual, and then expand the Data Label. The right beside the Data Label's color you need to hover your mouse, and you will find a three dots icon appearing, which if you click on it, you will see Conditional Formatting.

DRAG DROP -
You have a Power BI dashboard named DashboardA that contains a tile named TileA. TileA contains a treemap visual from a report named ReportA.
You need to provide the users of DashboardA with additional tiles that relate to the contents of TileA.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Actions	Answer Area
From Focus mode, pin the relevant visuals to DashboardA.	
From Focus mode, review the generated visuals.	
From DashboardA, select the TileA options, and then select **View insights**.	
From ReportA, select the treemap visual options, and then select **Spotlight**.	
From ReportA, select **Get Insights**.	
From DashboardA, select **TileA** to open ReportA.	

DRAG DROP -

You have a Power BI dashboard named DashboardA that contains a tile named TileA. TileA contains a treemap visual from a report named ReportA.

You need to provide the users of DashboardA with additional tiles that relate to the contents of TileA.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:

Actions

From Focus mode, pin the relevant visuals to DashboardA.
From Focus mode, review the generated visuals.
From DashboardA, select the TileA options, and then select **View insights**.
From ReportA, select the treemap visual options, and then select **Spotlight**.
From ReportA, select **Get Insights**.
From DashboardA, select **TileA** to open ReportA.

Answer Area

From DashboardA, select the TileA options, and then select **View insights**.
From Focus mode, review the generated visuals.
From Focus mode, pin the relevant visuals to DashboardA.

Explanation

1- From DashboardA select tiles A option and View Insights
2- From Focus mode review generated Visuals
3- From Focus mode Pin related Visuals to DashboardA

You are creating a dashboard by using the Power BI service.

You have an existing report page that contains three charts.

You need to add the charts to the dashboard while maintaining the interactivity between the charts.

What should you do?

A. Edit interactions in the report and set all interactions to Filter.

B. Pin each chart as a tile.

C. Edit the dashboard theme and pin each chart as a tile.

D. Pin the report page as a live tile.

You are creating a dashboard by using the Power BI service.

You have an existing report page that contains three charts.

You need to add the charts to the dashboard while maintaining the interactivity between the charts.

What should you do?

A. Edit interactions in the report and set all interactions to Filter.

B. Pin each chart as a tile.

C. Edit the dashboard theme and pin each chart as a tile.

D. Pin the report page as a live tile.

Explanation

Correct Answer: D
One way to add a new dashboard tile is by pinning an entire report page. This is an easy way to pin more than one visualization at a time. Also, when you pin an entire page, the tiles are live; you can interact with them right there on the dashboard. And changes you make to any of the visualizations back in the report editor, like adding a filter or changing the fields used in the chart, are reflected in the dashboard tile as well. Pinning live tiles from reports to dashboards is only available in Power BI service (app.powerbi.com).

DRAG DROP -
You are using existing reports to build a dashboard that will be viewed frequently in portrait mode on mobile phones.
You need to build the dashboard.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Actions

Pin items from the reports to the dashboard.
Open the dashboard.
Create a phone layout for the existing reports.
Edit the Dashboard mobile view.
Rearrange, resize, or remove items from the mobile layout.

Answer Area

DRAG DROP -
You are using existing reports to build a dashboard that will be viewed frequently in portrait mode on mobile phones.
You need to build the dashboard.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Actions

Pin items from the reports to the dashboard.
Open the dashboard.
Create a phone layout for the existing reports.
Edit the Dashboard mobile view.
Rearrange, resize, or remove items from the mobile layout.

Answer Area

Pin items from the reports to the dashboard.
Open the dashboard.
Edit the Dashboard mobile view.
Rearrange, resize, or remove items from the mobile layout.

Explanation

Correct Answer: Pin -> open -> edit -> rearrange

You have a report that contains a donut chart and a clustered column chart. Interactions between the visuals use the default settings.

You need to modify the report so that when you select a column in the column chart, the donut chart redraws by using the data from the selected column.

What should you do?

A. Select the donut chart and set the column chart interaction to Filter.

B. Select the column chart and set the donut chart interaction to Filter.

C. Select the donut chart and set the column chart interaction to None.

D. Select the column chart and set the donut chart interaction to None.

You have a report that contains a donut chart and a clustered column chart. Interactions between the visuals use the default settings.

You need to modify the report so that when you select a column in the column chart, the donut chart redraws by using the data from the selected column.

What should you do?

A. Select the donut chart and set the column chart interaction to Filter.

B. Select the column chart and set the donut chart interaction to Filter.

C. Select the donut chart and set the column chart interaction to None.

D. Select the column chart and set the donut chart interaction to None.

Explanation

Correct Answer: B

Filters remove all but the data you want to focus on.

Note: Enable the visual interaction controls.

You are creating a Power BI report by using Power BI Desktop.

You need to include a visual that shows trends and other useful information automatically. The visual must update based on selections in other visuals.

Which type of visual should you use?

A. Q&A

B. smart narrative

C. key influencers

D. decomposition tree

CertyIQ@gmail.com

You are creating a Power BI report by using Power BI Desktop.

You need to include a visual that shows trends and other useful information automatically. The visual must update based on selections in other visuals.

Which type of visual should you use?

A. Q&A

B. smart narrative

C. key influencers

D. decomposition tree

Explanation

Correct Answer: B

The smart narrative visualization helps you quickly summarize visuals and reports. It provides relevant innovative insights that you can customize.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as a numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a constant line and set the value to .5.

Does this meet the goal?

A. Yes

B. No

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as a numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a constant line and set the value to .5.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer:- NO

Instead: You create a percentile line by using the Salary measure and set the percentile to 50%.

The median is the middle value or the 50th percentile of a data set.

You have a Power BI report hosted on powerbi.com that displays expenses by department for department managers.

The report contains a line chart that shows expenses by month.

You need to enable users to choose between viewing the report as a line chart or a column chart. The solution must minimize development and maintenance effort.

What should you do?

A. Enable report readers to personalize visuals.

B. Create a separate report page for users to view the column chart.

C. Add a column chart, a bookmark, and a button for users to choose a visual.

D. Create a mobile report that contains a column chart.

You have a Power BI report hosted on powerbi.com that displays expenses by department for department managers.

The report contains a line chart that shows expenses by month.

You need to enable users to choose between viewing the report as a line chart or a column chart. The solution must minimize development and maintenance effort.

What should you do?

A. Enable report readers to personalize visuals.

B. Create a separate report page for users to view the column chart.

C. Add a column chart, a bookmark, and a button for users to choose a visual.

D. Create a mobile report that contains a column chart.

Explanation

Correct Answer: A

Let users personalize visuals in a report

Enable personalization in a report

You can enable the feature either in Power BI Desktop or the Power BI service. You can also enable it in embedded reports.

You are building a Power BI report to analyze customer segments.

You need to identify customer segments dynamically based on the Bounce Rate across dimensions such as source, geography, and demographics. The solution must minimize analysis effort.

Which type of visualization should you use?

A. decomposition tree

B. funnel chart

C. Q&A

D. key influencers

You are building a Power BI report to analyze customer segments.

You need to identify customer segments dynamically based on the Bounce Rate across dimensions such as source, geography, and demographics. The solution must minimize analysis effort.

Which type of visualization should you use?

A. decomposition tree

B. funnel chart

C. Q&A

D. key influencers

Explanation

Correct Answer: D

If we need to minimize the analysis effort then key influencers is the answer (Explain Bounce Rate by dimensions listed). Decomposition tree requires more effort; as per Microsoft: "This tool is valuable for ad-hoc exploration and conducting root cause analysis."

You have a report that contains three pages. One of the pages contains a KPI visualization.

You need to filter all the visualizations in the report except for the KPI visualization.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Edit the interactions of the KPI visualization.

B. Add the same slicer to each page and configure Sync slicers.

C. Edit the interactions of the slicer that is on the same page as the KPI visualization.

D. Configure a page-level filter.

E. Configure a report-level filter.

You have a report that contains three pages. One of the pages contains a KPI visualization.

CertyIQ@gmail.com

You need to filter all the visualizations in the report except for the KPI visualization.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Edit the interactions of the KPI visualization.

B. Add the same slicer to each page and configure Sync slicers.

C. Edit the interactions of the slicer that is on the same page as the KPI visualization.

D. Configure a page-level filter.

E. Configure a report-level filter.

Explanation

Correct Answer: BC

Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.

Control which page visuals are affected by slicers

Example: Use visual interactions to keep slicer selections from filtering this chart.

You use Power B1 Desktop to load data from a Microsoft SQL Server database.

While waiting for the data to load, you receive the following error.

```
ERROR [08001] timeout expired
```

You need to resolve the error.

What are two ways to achieve the goal? Each correct answer presents a complete solution

NOTE: Each correct selection is worth one point.

A Split long running queries into subsets Of columns and use power Query to the queries

B Disable query folding on long running queries

C Reduce number of rows and columns returned by each query.

D Use Power Query to combine long running queries into one query.

You use Power B1 Desktop to load data from a Microsoft SQL Server database.

While waiting for the data to load, you receive the following error.

```
ERROR [08001] timeout expired
```

You need to resolve the error.

What are two ways to achieve the goal? Each correct answer presents a complete solution

NOTE: Each correct selection is worth one point.

A Split long running queries into subsets Of columns and use power Query to the queries

B Disable query folding on long running queries

C Reduce number of rows and columns returned by each query.

D Use Power Query to combine long running queries into one query.

Explanation

Correct Answer: BD

You have a Power BI workspace named Inventory that contains a dataset, a report, and a dashboard.

You need to add an additional tile to the dashboard. The tile must show inventory by location. This information is NOT visualized in the report. The solution must minimize the impact on the report.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Ask a question by using Q&A.

B. Hide the report page.

C. Pin the visual to the dashboard.

D. Use quick insights on the dashboard.

E. Add the visual to the report.

You have a Power BI workspace named Inventory that contains a dataset, a report, and a dashboard.

You need to add an additional tile to the dashboard. The tile must show inventory by location. This information is NOT visualized in the report. The solution must minimize the impact on the report.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Ask a question by using Q&A.

B. Hide the report page.

C. Pin the visual to the dashboard.

D. Use quick insights on the dashboard.

E. Add the visual to the report.

Explanation

Correct Answer: AC
In the Power BI service (app.powerbi.com), a dashboard contains tiles pinned from one or more datasets, so you can ask questions about any of the data contained in any of those datasets. T
The answer to your question is displayed as an interactive visualization and updates as you modify the question.
Open a dashboard and place your cursor in the question box. Even before you start typing, Q&A displays a new screen with suggestions to help you form your question.

You have a Power BI report that contains three pages named Page1, Page2, and Page3. All the pages have the same slicers.

You need to ensure that all the filters applied to Page1 apply to Page1 and Page3 only.

What should you do?

A. On each page, modify the interactions of the slicer.

B. Enable visibility of the slicers on Page1 and Page3. Disable visibility of the slicer on Page2.

C. Sync the slicers on Page1 and Page3.

You have a Power BI report that contains three pages named Page1, Page2, and Page3.
All the pages have the same slicers.

You need to ensure that all the filters applied to Page1 apply to Page1 and Page3 only.

What should you do?

A. On each page, modify the interactions of the slicer.

B. Enable visibility of the slicers on Page1 and Page3. Disable visibility of the slicer on
Page2.

C. Sync the slicers on Page1 and Page3.

Explanation

Correct Answer: C
Sync the slicers on Page1 and Page3.

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. Microsoft Intune policies

B. row-level security (RLS)

C. sensitivity labels

D. dataset certifications

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. Microsoft Intune policies

B. row-level security (RLS)

C. sensitivity labels

D. dataset certifications

Explanation

Correct Answer: C

When you create a sensitivity label, you can restrict access to content that the label will be applied to.
When a document or email is encrypted, access to the content is restricted, so that it can be decrypted only by users authorized by the label's encryption settings.
Remains encrypted no matter where it resides, inside or outside your organization, even if the file's renamed.

You need to provide a user with the ability to add members to a workspace.

The solution must use the principle of least privilege.

Which role should you assign to the user?

A. Viewer

B. Contributor

C. Member

D. Admin

You need to provide a user with the ability to add members to a workspace.

The solution must use the principle of least privilege.

Which role should you assign to the user?

A. Viewer

B. Contributor

C. Member

D. Admin

Explanation

Correct Answer: C

A Member can add members or others with lower permissions.

In Power BI Desktop, you are creating visualizations in a report based on an imported dataset.

You need to allow Power BI users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data.

What should you do?

A. From the Power BI service, configure the dataset permissions.

B. From Power BI Desktop, configure the Data Load settings for the current file.

C. From Power BI Desktop, modify the data source permissions.

D. From Power BI Desktop, configure the Report settings for the current file.

CertyIQ@gmail.com

In Power BI Desktop, you are creating visualizations in a report based on an imported dataset.

You need to allow Power BI users to export the summarized data used to create the

visualizations but prevent the users from exporting the underlying data.

What should you do?

A. From the Power BI service, configure the dataset permissions.

B. From Power BI Desktop, configure the Data Load settings for the current file.

C. From Power BI Desktop, modify the data source permissions.

D. From Power BI Desktop, configure the Report settings for the current file.

Explanation

Correct Answer: D

The export functionality can be disabled on several levels. First, Power BI Service admins can disable this functionality on tenant level. With that, nobody will be able to export the data. More about that later. Second, as a dataset owner you can decide if you allow your users to export the data. This is managed in dataset settings, but only changeable in Power BI desktop.

You create a dashboard by using the Microsoft Power BI Service. The dashboard contains a card visual that shows total sales from the current year.

You grant users access to the dashboard by using the Viewer role on the workspace.

A user wants to receive daily notifications of the number shown on the card visual.

You need to automate the notifications.

What should you do?

A. Create a subscription.

B. Create a data alert.

C. Share the dashboard to the user.

D. Tag the user in a comment.

You create a dashboard by using the Microsoft Power BI Service. The dashboard contains a card visual that shows total sales from the current year.

You grant users access to the dashboard by using the Viewer role on the workspace.

A user wants to receive daily notifications of the number shown on the card visual.

You need to automate the notifications.

What should you do?

A. Create a subscription.

B. Create a data alert.

C. Share the dashboard to the user.

D. Tag the user in a comment.

Explanation

Correct Answer: A

you need a subscription, not an alert as alerts don't include a snapshot and they will only be sent based on a certain condition whereas here you want daily notifications, not just when the value exceeds a certain threshold.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports.

Solution: You publish an app to the entire organization.

Does this meet the goal?

A. Yes

B. No

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports.

Solution: You publish an app to the entire organization.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: NO

Instead: You create an Azure Active Directory group that contains all the users. You share each selected report and the one dashboard to the group.

HOTSPOT -

You have a Power BI model that contains a table named Sales and a related date table. Sales contains a measure named Total Sales.

You need to create a measure that calculates the total sales from the equivalent month of the previous year.

How should you complete the calculation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

```
Sales Previous Year =
```

▼
CALCULATE
EVALUATE
SUM
SUMX

```
[Total Sales],
```

| ▼ | (
| --- |
| DATESMTD |
| PARALLELPERIOD |
| SAMEPERIODLASTYEAR |
| TOTALMTD |

▼
[Date]
'Date'[Date]
'Date'[Month]

```
    )
)
```

HOTSPOT -

You have a Power BI model that contains a table named Sales and a related date table. Sales contains a measure named Total Sales.

You need to create a measure that calculates the total sales from the equivalent month of the previous year.

How should you complete the calculation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Sales Previous Year =

```
▼
CALCULATE
EVALUATE
SUM
SUMX
[Total Sales],
```

```
▼  (
DATESMTD
PARALLELPERIOD
SAMEPERIODLASTYEAR
TOTALMTD
```

```
▼
[Date]
'Date' [Date]
'Date' [Month]
```

)

)

Correct Answer:

Explanation

Correct Answer:

CALCULATE

SAMEPERIODLASTYEAR

'DATE'[DATE]

SAMEPERIODLASTYEAR accepts a data column, Month will usually be either text (Jan) or Integer (1). so: CALCULATE([Total Sales], SAMEPERIODLASTYEAR('Date'[Date]))

DRAG DROP -
You plan to create a report that will display sales data from the last year for multiple regions.
You need to restrict access to individual rows of the data on a per region-basis by using roles.
Which four actions should you perform in sequence? To answer, move the appropriate actions
from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Actions	Answer Area
Publish the report.	
Assign users to the role.	
Add a filter to the report.	
Create a role definition.	
Import the data to Power BI Desktop.	

DRAG DROP -
You plan to create a report that will display sales data from the last year for multiple regions.
You need to restrict access to individual rows of the data on a per region-basis by using roles.
Which four actions should you perform in sequence? To answer, move the appropriate actions
from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Correct Answer:

Actions		Answer Area
Publish the report.		Import the data to Power BI Desktop.
Assign users to the role.	>	Create a role definition.
Add a filter to the report.		Publish the report.
Create a role definition.	<	Assign users to the role.
Import the data to Power BI Desktop.		

Explanation

Correct Answer: Import > Create > Publish > Assign

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.

The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 AppSource visuals and 10 default visuals.

Users say that the report is slow to load the visuals when they access and interact with the report.

You need to recommend a solution to improve the performance of the report.

What should you recommend?

A. Change any DAX measures to use iterator functions.

B. Enable visual interactions.

C. Replace the default visuals with AppSource visuals.

D. Split the visuals onto multiple pages.

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.

The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 AppSource visuals and 10 default visuals.

Users say that the report is slow to load the visuals when they access and interact with the report.

You need to recommend a solution to improve the performance of the report.

What should you recommend?

A. Change any DAX measures to use iterator functions.

B. Enable visual interactions.

C. Replace the default visuals with AppSource visuals.

D. Split the visuals onto multiple pages.

Explanation

Correct Answer: D

Split the visuals onto multiple pages.

One page with many visuals may also make your report loading slow. Please appropriately reduce the number of visualizations on one page.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: From Power Query Editor, you import the table and then add a filter step to the query.

Does this meet the goal?

A. Yes

B. No

CertyIQ@gmail.com

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: From Power Query Editor, you import the table and then add a filter step to the query.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: NO

This would load the entire table in the first step.

Instead: You add a WHERE clause to the SQL statement.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You write a DAX expression that uses the FILTER function.

Does this meet the goal?

A. Yes

B. No

CertyIQ@gmail.com

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You write a DAX expression that uses the FILTER function.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: NO

Instead: You add a WHERE clause to the SQL statement.

Note: DAX is not a language designed to fetch the data like SQL rather than used for data analysis purposes. It is always a better and recommended approach to transform the data as close to the data source itself. For example, your data source is a relational database; then, it's better to go with T-SQL.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table.
Solution: You add a WHERE clause to the SQL statement.

Does this meet the goal?

A. Yes

B. No

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table.
Solution: You add a WHERE clause to the SQL statement.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: YES

Power Query enables you to specify your native database query in a text box under Advanced options when connecting to a database. In the example below, you'll import data from a SQL Server database using a native database query entered in the SQL statement text box.

In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured.
You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings.

What should you do?

A. Create an inactive relationship between the tables and select Apply security filter in both directions.

B. Create an active relationship between the tables and select Apply security filter in both directions.

C. Create an inactive relationship between the tables and select Assume referential integrity.

D. Create an active relationship between the tables and select Assume referential integrity.

In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured.
You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings.

What should you do?

A. Create an inactive relationship between the tables and select Apply security filter in both directions.

B. Create an active relationship between the tables and select Apply security filter in both directions.

C. Create an inactive relationship between the tables and select Assume referential integrity.

D. Create an active relationship between the tables and select Assume referential integrity.

Explanation

Correct Answer: B

By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi-directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

☞ Due Date

☞ Order Date

☞ Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: For each date foreign key, you add inactive relationships between the sales table and the date table.

Does this meet the goal?

A. Yes

B. No

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

➷ Due Date

➷ Order Date

➷ Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: For each date foreign key, you add inactive relationships between the sales table and the date table.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: YES –

You later use a USERELATIONSHIP() to calculate different measures

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

✏ Due Date

✏ Order Date

✏ Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.

Does this meet the goal?

A. Yes

B. No

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

☞ Due Date
☞ Order Date
☞ Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.
Solution: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.

Does this meet the goal?
A. Yes
B. No

Explanation

Correct Answer: NO

Instead: Solution: From the Fields pane, you rename the date table as Due Date. You use a DAX expression to create Order Date and Delivery Date as calculated tables.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

➥ Due Date

➥ Order Date

➥ Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From the Fields pane, you rename the date table as Due Date. You use a DAX expression to create Order Date and Delivery Date as calculated tables.

Does this meet the goal?

A. Yes

B. No

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

↪ Due Date

↪ Order Date

↪ Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From the Fields pane, you rename the date table as Due Date. You use a DAX expression to create Order Date and Delivery Date as calculated tables.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: YES

Refactoring methodology

You are creating a Power BI model that contains a table named Store. Store contains the following fields.

Name	Data type
Store ID	Whole Number
Store Name	Text
City	Text
State/Province	Text
Country	Text

You plan to create a map visual that will show store locations and provide the ability to drill down from Country to State/Province to City.
What should you do to ensure that the locations are mapped properly?

A. Change the data type of City, State/Province, and Country.

B. Set Summarization for City, State/Province, and Country to Don't summarize.

C. Set the data category of City, State/Province, and Country.

D. Create a calculated column that concatenates the values in City, State/Province, and Country.

You are creating a Power BI model that contains a table named Store. Store contains the following fields.

Name	Data type
Store ID	Whole Number
Store Name	Text
City	Text
State/Province	Text
Country	Text

You plan to create a map visual that will show store locations and provide the ability to drill down from Country to State/Province to City.
What should you do to ensure that the locations are mapped properly?

A. Change the data type of City, State/Province, and Country.

B. Set Summarization for City, State/Province, and Country to Don't summarize.

C. Set the data category of City, State/Province, and Country.

D. Create a calculated column that concatenates the values in City, State/Province, and Country.

Explanation

Correct Answer: C

A hierarchy is a set of fields categorized in a hierarchical way that one level is the parent of another level. Values of the parent level can be drilled down to the lower level.

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports.

Solution: You assign all the users the Viewer role to the workspace.

Does this meet the goal?

A. Yes

B. No

CertyIQ@gmail.com

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports.

Solution: You assign all the users the Viewer role to the workspace.

Does this meet the goal?

A. Yes

B. No

Explanation

Correct Answer: NO

in this way all users will see all workspace content not only the one dashboard and 3 reports

You create a report by using Microsoft Power BI Desktop.

The report uses data from a Microsoft SQL Server Analysis Services (SSAS) cube located on your company's internal network.

You plan to publish the report to the Power BI Service.

What should you implement to ensure that users who consume the report from the Power BI Service have the most up-to-date data from the cube?

A. an OData feed

B. an On-premises data gateway

C. a subscription

D. a scheduled refresh of the dataset

You create a report by using Microsoft Power BI Desktop.

The report uses data from a Microsoft SQL Server Analysis Services (SSAS) cube located on your company's internal network.

You plan to publish the report to the Power BI Service.

What should you implement to ensure that users who consume the report from the Power BI Service have the most up-to-date data from the cube?

A. an OData feed

B. an On-premises data gateway

C. a subscription

D. a scheduled refresh of the dataset

Explanation

Correct Answer: B

After you install the on-premises data gateway, you need to add data sources that can be used with the gateway. You can work with gateways and SQL Server

Analysis Services (SSAS) data sources that are used either for scheduled refresh or for live connections.

You have five sales regions. Each region is assigned a single salesperson.

You have an imported dataset that has a dynamic row-level security (RLS) role named Sales. The Sales role filters sales transaction data by salesperson.

Salespeople must see only the data from their region.

You publish the dataset to powerbi.com, set RLS role membership, and distribute the dataset and related reports to the salespeople.

A salesperson reports that she believes she should see more data.

You need to verify what data the salesperson currently sees.

What should you do?

A. Use the Test as role option to view data as the salesperson's user account.

B. Use the Test as role option to view data as the Sales role.

C. Instruct the salesperson to open the report in Microsoft Power BI Desktop.

D. Filter the data in the reports to match the intended logic in the filter on the sales transaction table.

You have five sales regions. Each region is assigned a single salesperson.

You have an imported dataset that has a dynamic row-level security (RLS) role named Sales. The Sales role filters sales transaction data by salesperson.

Salespeople must see only the data from their region.

You publish the dataset to powerbi.com, set RLS role membership, and distribute the dataset and related reports to the salespeople.

A salesperson reports that she believes she should see more data.

You need to verify what data the salesperson currently sees.

What should you do?

A. Use the Test as role option to view data as the salesperson's user account.

B. Use the Test as role option to view data as the Sales role.

C. Instruct the salesperson to open the report in Microsoft Power BI Desktop.

D. Filter the data in the reports to match the intended logic in the filter on the sales transaction table.

Explanation

Correct Answer: A

To be able to see what the specific salesperson sees (and compare it to what she should see) you should test the report as that user account since the RLS is dynamic and based on the user accounts.

DRAG DROP -
Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Actions

From powerbi.com, assign the analysts the Contributor role to the workspace.
From Power BI Desktop, add a Table Filter DAX Expression to the roles.
From powerbi.com, add role members to the roles.
From Power BI Desktop, create four roles.
From Power BI Desktop, publish the dataset to powerbi.com.

Answer Area

DRAG DROP -
Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Suggested Answer:

Actions

| From powerbi.com, assign the analysts the Contributor role to the workspace. |
| From Power BI Desktop, add a Table Filter DAX Expression to the roles. |
| From powerbi.com, add role members to the roles. |
| From Power BI Desktop, create four roles. |
| From Power BI Desktop, publish the dataset to powerbi.com. |

Answer Area

| From Power BI Desktop, publish the dataset to powerbi.com. |
| From Power BI Desktop, create four roles. |
| From Power BI Desktop, add a Table Filter DAX Expression to the roles. |
| From powerbi.com, add role members to the roles. |

Explanation

Correct Answer:
Publish Dataset > Create Roles > Add Table filter DAX > Add members to the role

In Power Bi Desktop, you are creating visualizations in a report based on an imported dataset

You need to allow Power Bi users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data

What should you do?

A From Power BI Desktop, configure the Data Load settings for the current file.

B From the Power BI service, configure the dataset permissions.

C From Power BI Desktop, configure the Report settings for the current file.

D From Power BI Desktop, modify the data source permissions.

In Power Bi Desktop, you are creating visualizations in a report based on an imported dataset

You need to allow Power Bi users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data

What should you do?

A From Power BI Desktop, configure the Data Load settings for the current file.

B From the Power BI service, configure the dataset permissions.

C From Power BI Desktop, configure the Report settings for the current file.

D From Power BI Desktop, modify the data source permissions.

Explanation

Correct Answer: B

You have an Azure SQL database that contains sales transactions. The database

is updated frequently.

You need to generate reports from the data to detect fraudulent transactions.

The data must be visible within five minutes of an update.

How should you configure the data connection?

A. Add a SQL statement.

B. Set Data Connectivity mode to DirectQuery.

C. Set the Command timeout in minutes setting.

D. Set Data Connectivity mode to Import.

You have an Azure SQL database that contains sales transactions. The database

is updated frequently.

You need to generate reports from the data to detect fraudulent transactions.

The data must be visible within five minutes of an update.

How should you configure the data connection?

A. Add a SQL statement.

B. Set Data Connectivity mode to DirectQuery.

C. Set the Command timeout in minutes setting.

D. Set Data Connectivity mode to Import.

Explanation

Correct answer – B

With Power BI Desktop, when you connect to your data source, it's always possible to import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.

End of 40 Important Questions

Want COMPLETE DUMP of PL-300?

Please drop us mail at: - certyiq@gmail.com
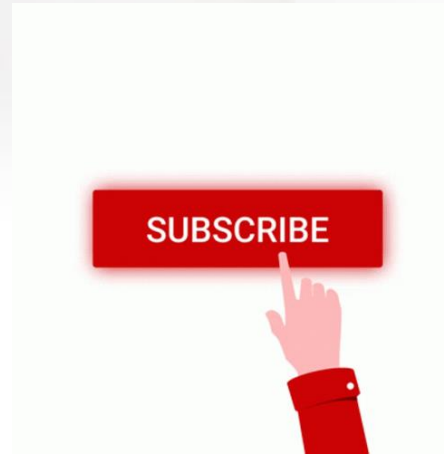
Please find the videos of **AZ-900/AI-900/AZ-104 /DP-900/ SC-900/SC-300/AZ305/PL-300 and other Microsoft exam** series on **CertyIQ** Official YouTube channel (**FREE PDFs**): -

Please **Subscribe** to CertyIQ YouTube Channel to get notified for latest exam dumps by clicking on the below image, it will redirect to the **CertyIQ** YouTube page.

Reach me at "certyiqofficial@gmail.com" for any help needed for Cloud Certifications.
Contact us: - enquiry.certyiqofficial@gmail.com OR contact.certyiqofficial@gmail.com

Connect with us @ LinkedIn Telegram

End

CertyIQ

Please **Subscribe** to CertyIQ Channel
To get notification for upcoming dumps

SUBSCRIBE

PL-300 Important Que's
Real Exam Questions & Answers

Microsoft
CERTIFIED

POWER BI
DATA ANALYST

ASSOCIATE

PASS
100%
GUARANTEE

40 IMPORTANT QUESTIONS