

70-466 Dumps

Implementing Data Models and Reports with Microsoft SQL Server 2012

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NEW QUESTION 1

You need to configure the dataset for the ManufacturingIssues report. The solution must meet the technical requirements and the reporting requirements. What should you do?

- A. Configure the dataset to use a stored procedur
- B. Add the necessary parameters to the stored procedure.
- C. Add a query to retrieve the necessary data from the databas
- D. Configure the dataset to use query parameters.
- E. Add a query to retrieve the necessary data from the databas
- F. Configure the dataset to use filter parameters.
- G. Configure the dataset to use a tabl
- H. Ensure that the database has a table that contains the necessary information.

Answer: B

NEW QUESTION 2

HOTSPOT

You create a new SharePoint site to store reports for the manufacturing department.

You need to recommend a solution to meet the security requirements for the sales department users and the manufacturing department users.

What should you recommend? To answer, select the appropriate group for the sales department users and the manufacturing department users in the answer area.

Answer Area

Sales department users	Manufacturing department users
<input type="text"/>	<input type="text"/>

Answer Area

Sales department users	Manufacturing department users
<input type="text"/> Owners Readers Members Restricted readers	<input type="text"/> Visitors Readers Members Restricted readers

Answer:

Explanation:

Answer Area

Sales department users	Manufacturing department users
<input type="text"/> Owners Readers Members Restricted readers	<input type="text"/> Visitors Readers Members Restricted readers

NEW QUESTION 3

After you deploy the RegionalSales report, users report that they cannot see product data when they receive the reports by email.

You need to ensure that the sales department managers can see all of the data. In the report, you update the Hidden property of each group.

What should you do next?

- A. When the report is initially run, select Show or hide based on an expressio
- B. Set the expression to = (Globals!RenderFormat.IsInteractive)
- C. When the report is initially run, select Show.

- D. When the report is initially run, select Show or hide based on an expressio
E. Set the expression to =NOT (Globals!RenderFormat.IsInteractive).
F. When the report is initially run, select Hide.

Answer: A

NEW QUESTION 4

You need to recommend a solution for the sales department that meets the security requirements.
What should you recommend?

- A. Create one role for all of the sales department user
B. Add a DAX filter that reads the current user name and retrieves the user's region.
C. Create one role for each regio
D. Configure each role to have read access to a specific regio
E. Add the sales department users to their corresponding role.
F. Create a table for each regio
G. Create a role for each regio
H. Grant each role read access to its corresponding table.
I. Create one role for all of the sales department user
J. Configure the role to have read access to the sales transaction
K. Ensure that all of the reports that access the sales transaction data restrict read access to the data from the corresponding sales department region only.

Answer: C

Explanation: Scenario: Tailspin Toys identifies the following security requirement:

- Sales department users must be allowed to view the sales transactions from their region only.
- Sales department users must be able to view the contents of the manufacturing reports.
- Sales department users must NOT be able to create new manufacturing reports.

Topic 2, Contoso, Ltd

Background

You are the business intelligence (BI) solutions architect for Contoso Ltd, a multinational sales company with offices in London, Madrid, Paris, Brisbane, Tokyo, and New York. Contoso sells office consumable products such as pens, printer ink, and paper.

You produce solutions by using SQL Server 2012 Business Intelligence Edition and Microsoft SharePoint Server 2010 Enterprise Edition with SP1.

Technical Background

Contoso's products are categorized by using four levels while some use only two or three levels. Products are categorized as shown in the following table.

Product Type	Product Category	Product Sub Category	Product Sub Section
Papers	Copy Paper		
	Note	Sticky Notes	
		"Sign Here" Notes	
Tapes and Glue	Adhesive Glue		
	Tape	Masking Tape	
		Sticky Tape	
Writing	Pens	Ball Pens	
		Pencils	
		WhiteBoard Markers	Permanent Markers
			Removable Markers
	Corrections	Correction Tape	
		Correction Fluid	
	Erasers		

Contoso sells products through mobile sales staff, direct marketing, and its website. Sales personnel are located in various regions around the world, and each region has a sales manager who is paid a quarterly bonus based on the total sales in the region during the quarter. Regions are categorized as shown in the following table.

Region	Country	State
Oceania	Australia	Queensland
		New South Wales
	New Zeal and	Canterbury
Europe	Great Britain	Marlborough
		Cornwall
		Aberdeen
	Germany	Cardiff
		Baden-Wurttemberg
		Saxony

SQL Server Analysis Services (SSAS) is used to host a multidimensional database. The database contains a single cube named Sales and three database dimensions named Products, Regions, and Date. A single measure named Sales Total has been defined in the cube. The data source for the database is a SQL Server data warehouse.

The Products dimension contains a single user-defined hierarchy named Products. To prevent the display of empty members when users browse the Products dimension, the Extract, Transform, and Load (ETL) process populates all missing values as shown in the following diagram.

Product Type	Product Category	Product Sub Category	Product Sub Section
Papers	Copy Paper	Copy Paper	Copy Paper
Papers	Note Papers	Sticky Notes	Sticky Notes

The structure of the Products hierarchy is shown in the following diagram.

Products
Product Type
Product Category
Product Sub Category
Product Sub Section

The Regions dimension contains a single user-defined hierarchy named Sales Regions. The dimension is based on a single dimension table in the data warehouse and the attribute relationships have not been modified since the dimension was created by using the Dimension wizard. The structure of the Sales Regions hierarchy is shown in the following diagram.

Sales Regions
Region
Country
State

The Date dimension contains a single user-defined hierarchy named Calendar. The structure of the Calendar hierarchy is shown in the following diagram.

Calendar
Year
Quarter
Month
Date

A role named UserRegions has been created in the SSAS database that will be used to filter members in the Regions dimension based on the authenticated user. Administrative staff from around the world will produce sales reports with Microsoft Excel 2010 based on the Sales cube. Developers will produce reports with SQL Server Reporting Services (SSRS) based on the Sales cube and the reports will be delivered to users through report subscriptions and a web browser-All users log on to an Active Directory Domain Services (AD DS) domain named contoso.com. All client computers and servers are joined to the contoso.com domain.

Business Requirements

The BI system must meet the following reporting requirements:

? Display all sales figures in euro currency, regardless of the client's reporting location

? Include a new measure named AD Sales that calculates average daily sales for a selected month

? Support near real-time reporting while maintaining good performance for multidimensional queries

? Support reports that show currency exchange rates

? Deliver executive reports that are parameterized and rendered from report snapshots

In addition, cube objects must use terms familiar to users from around the world. For example, in the SalesRegions hierarchy, users from Great Britain must see the State level presented as County when browsing the Sales cube.

The Sales cube must support a new measure group named Sales Planning. The measure group must consist of a single measure named Sales Plan that enables the management team to use Excel 2010 to enter sales plans for future monitoring.

The BI system must meet the following technical requirements:

Architecture requirements

? The system must use separate servers for each of the following components:

? uk.co.certification.simulator.questionpool.PList@fd8cb50

? All servers must be installed using U.S. regional settings.

? The system must source currency exchange rate data from a database hosted in Microsoft Azure SQL Database.

Security requirements

? When possible, the system must use Windows authentication for all database connections.

? The system must prevent users from querying data from outside of their region.

? The system must allow certain users to query data from multiple regions.

Development requirements

? When browsing the Products hierarchy, repeating values for different levels of a given drill-path must be avoided. For example, Papers -> Copy Paper -> Copy Paper -> Copy Paper should appear simply as Papers -> Copy Paper.

? The system must support report snapshots. The default maximum number of retained snapshots must not exceed five.

NEW QUESTION 5

You need to configure per-user security authentication for reporting against the Sales cube.

What should you do? (Each correct answer presents part of the complete solution. Choose all that apply.)

A. Create Service Principal Names (SPNs).

B. Enable forms-based authentication.

C. Configure account delegation.

D. Enable mixed-mode authentication.

Answer: AD

NEW QUESTION 6

You need to create the AD Sales measure. Which aggregation function should you use?

A. Sum

B. Average

C. ByAccount

D. AverageOfChildren

Answer: D

NEW QUESTION 7

You need to configure SSRS to meet the maximum number of snapshots requirement. What should you do? (Each answer presents a complete solution. Choose all that apply.)

A. In SharePoint Central Administration, set the System Snapshot Limit option to 5.

B. In Reporting Services Configuration Manager, set the Limit number of snapshots option to 5.

C. For each report, set the System Snapshot Limit option to 5.

D. Use PowerShell to set the System Snapshot Limit option to 5.

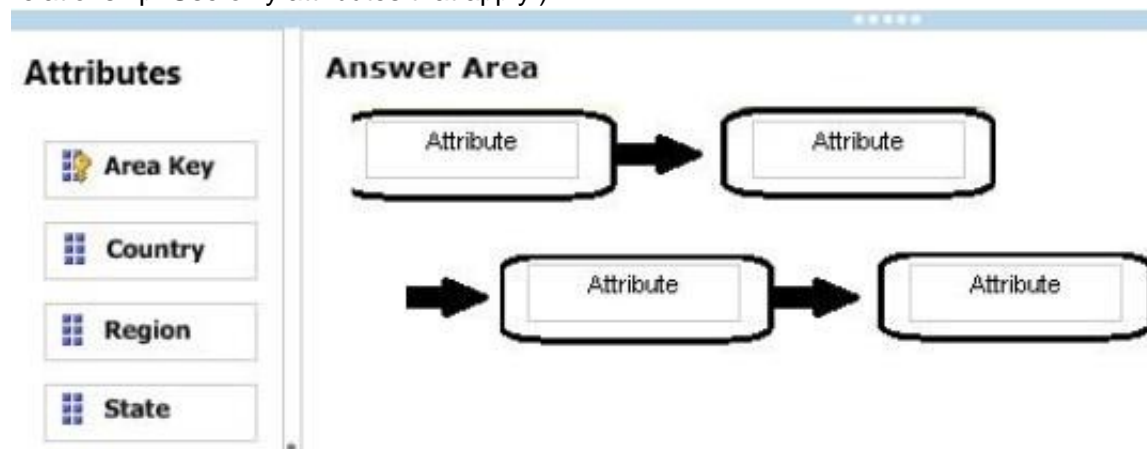
Answer: AC

NEW QUESTION 8

DRAG DROP

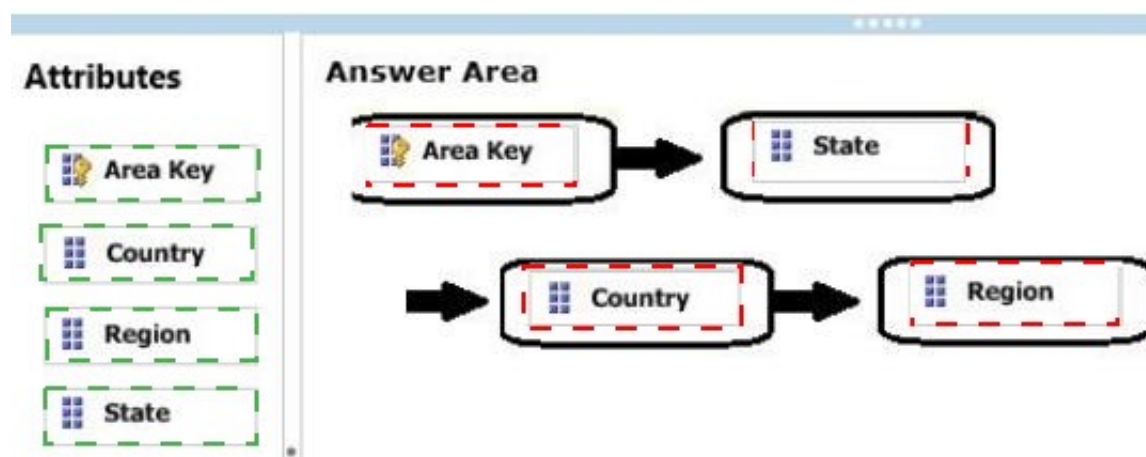
You need to optimize the Regions dimension.

How should you configure the attribute relationships? (To answer, drag the appropriate attribute from the list of attributes to the correct location in the hierarchy relationship. Use only attributes that apply.)



Answer:

Explanation:



NEW QUESTION 9

You need to develop an SSRS report that retrieves currency exchange rate data. How should you configure the data source for the report?

- A. Use the Microsoft Azure SQL Database data source type and then set a username and password for the credentials.
- B. Use the SQL Server data source type and then set Windows authentication for the credentials.
- C. Use the Microsoft Azure SQL Database data source type and then set Windows authentication for the credentials.
- D. Use the SQL Server data source type and then set a username and password for the credentials.

Answer: A

NEW QUESTION 10

You need to configure the format of the Sales Total measure. Which value should you use for the FormatString property?

- A. \$#,##0.00;(\$#,##0.00)
- B. #,##0.00;-#,##0.00
- C. Currency
- D. A custom-entered value

Answer: C

NEW QUESTION 10

You need to modify the Sales Regions hierarchy to meet the reporting requirements. Which SSAS feature should you use?

- A. Calculation
- B. Translation
- C. Perspective
- D. Action

Answer: B

NEW QUESTION 15

You need to meet the browsing requirements for the Products hierarchy. Which property should you modify?

- A. DefaultMember
- B. AttributeHierarchyDisplayFolder
- C. HideMemberIf
- D. RootMemberIf

Answer: C

Explanation: Topic 3, Data Architect

General Background

You are the data architect for a company that uses SQL Server 2012 Enterprise Edition. You design data modeling and reporting solutions that are based on a sales data warehouse.

Background

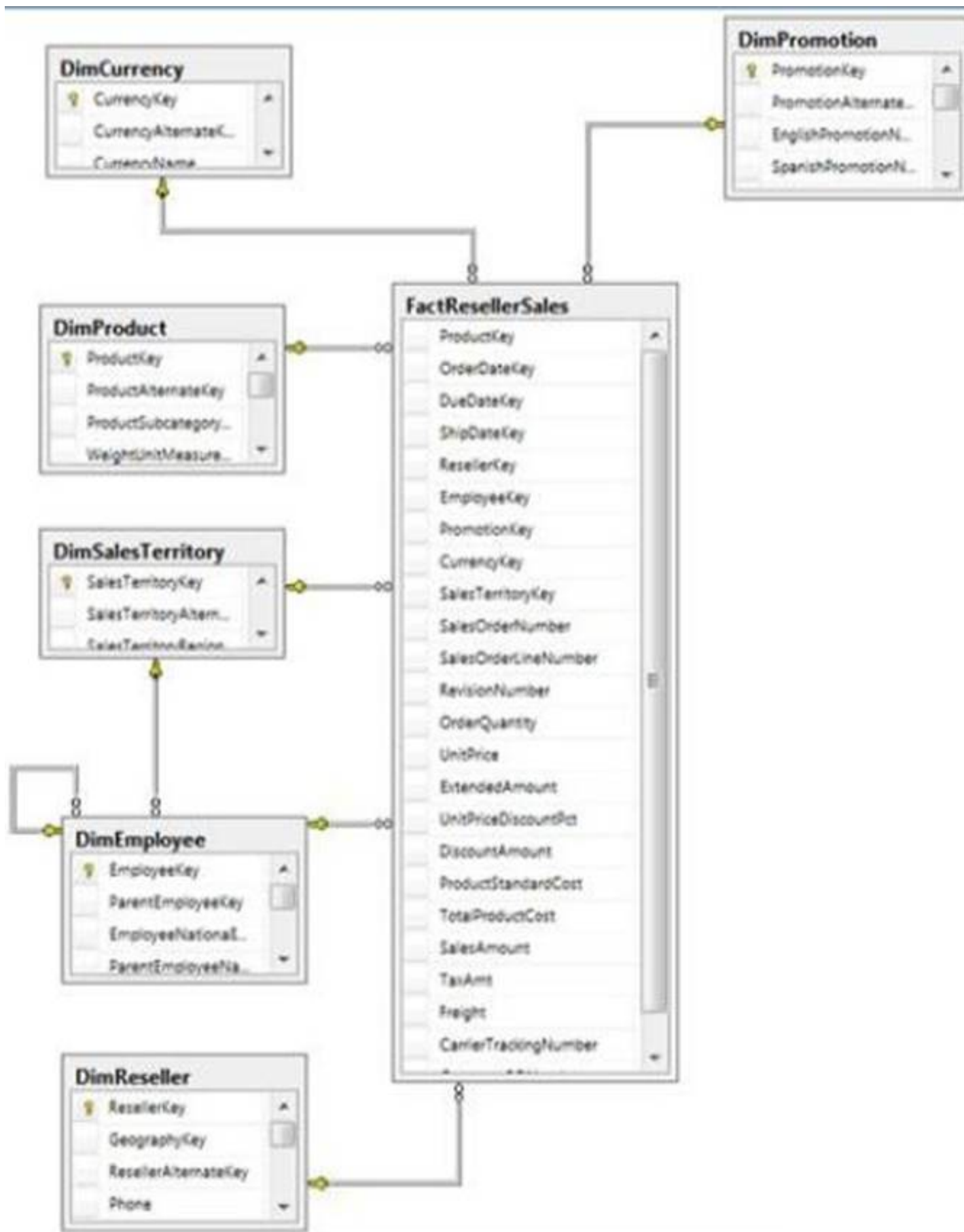
The solutions will be deployed on the following servers:

? ServerA runs SQL Server Database Engine, ServerA is the data warehouse server.

? ServerB runs SQL Server Database Engine, SQL Server Analysis Services (SSAS) in multidimensional mode, and SQL Server Integration Services (SSIS).

? ServerC runs SSAS in tabular mode, SQL Server Reporting Services (SSRS) running in SharePoint mode, and Microsoft SharePoint 2010 Enterprise Edition with SP1.

The data warehouse schema currently contains the tables shown in the exhibit. (Click the Exhibit button.)



Business Requirements

The reporting solution must address the requirements of the sales team, as follows:

- ? Team members must be able to view standard reports from SharePoint.
- ? Team members must be able to perform ad-hoc analysis by using Microsoft Power View and Excel.
- ? Team members can have standard reports delivered to them on a schedule of their choosing.

The standard reports

- ? Will use a sales territory hierarchy for organizing data by region.
- ? Will be accessible from SharePoint.

The Excel ad-hoc reports

- ? Will use the same data store as the standard reports.
- ? Will provide direct access to the data store for the sales team and a simplified view for the executive team.

Technical Requirements

The standard reports must be based on an SSAS cube. The schema of the data warehouse on ServerA must be able to support the ability to slice the fact data by the following dates:

- ? Order date (OrderDateKey)
- ? Due date (DueDateKey)
- ? Ship date (ShipDateKey)

Additions and modifications to the data warehouse schema must adhere to star schema design principles to minimize maintenance and complexity

.The multidimensional and tabular models will be based on the data warehouse. The tabular and multidimensional models will be created by using SQL Server Data Tools (SSDT). The tabular project is named AdhocReports and the multidimensional project is named Standard Reports.

The cube design in the Standard Reports project must define two measures for the unique count of sales territories (SalesTerritoryKey) and products (ProductKey).

A deployment script that can be executed from a command-line utility must be created to deploy the StandardReports project to ServerB.

The tabular model in the AdhocReports project must meet the following requirements:

- ? A hierarchy must be created that consists of the SalesTerritoryCountry and SalesTerritoryRegion columns from the DimSalesTerritory table and the EmployeeName column from the DimEmployee table.
- ? A key performance indicator (KPI) must be created that compares the total quantity sold (OrderQuantity) to a threshold value of 1,000.

? A measure must be created to calculate day-over-day (DOD) sales by region based on order date.

SSRS on ServerC must be configured to meet the following requirements:

- ? It must use a single data source for the standard reports.

? It must allow users to create their own standard report subscriptions.

? The sales team members must be limited to only viewing and subscribing to reports in the Sales Reports library.

A week after the reporting solution was deployed to production, Marc, a salesperson, indicated that he has never received reports for which he created an SSRS subscription. In addition, Marc reports that he receives timeout errors when running some reports on demand.

NEW QUESTION 20

You need to create the KPI in the AdhocReports project. What should you do?

- A. Create a measure by using the SUM([OrderQuantity]) expressio
- B. Then use the CREATE KPI CURRENTCUBE statement to define the KPI and target value.
- C. Create a measure by using the SUM([OrderQuantity]) expression and create a KPI based on the measur
- D. Then set the target value.
- E. Create a measure by using the COUNT([OrderQuantity]) expression and create a KPI based on the measur
- F. Then set the target value.
- G. Create a KPI based on the OrderQuantity column and then set the target value.

Answer: A

NEW QUESTION 24

You need to create the sales territory and product measures. Which aggregate function should you use for both measures?

- A. Count
- B. COUNT(DISTINCT column_name)
- C. DistinctCount
- D. Distinct

Answer: C

NEW QUESTION 27

You need create the data source view for the StandardReports project. What should you do?

- A. Create a data source, connect it to the data warehouse, and then use the Data Source View wizard.
- B. Generate a relational schema from the dimensions and cubes by using the Schema Generation wizard.
- C. Create a new data source view and then use the Import from Table wizard.
- D. Execute the Import from Table wizard and then use the Data Source View wizard.

Answer: A

NEW QUESTION 28

You need to ascertain why Marc did not receive his reports. What should you do?

- A. Search the ReportServerService_<timestamp>.log file for errors.
- B. Search the registry for errors.
- C. Use SQL Server Management Studio to search the SQL Server logs for errors.
- D. Use the Windows Event Viewer to search the Application log for errors.

Answer: A

NEW QUESTION 29

You need to identify the reports that produce the errors that Marc is receiving.

What should you do?

- A. Write a query by using the Subscriptions table in the report server database.
- B. Write a query by using the Execution Log 3 view in the report server database.
- C. Use the Windows Event Viewer to search the Application log for errors.
- D. Search the ReportServerService_<timestamp>.log file for errors.

Answer: B

NEW QUESTION 32

You need to deploy the StandardReports project.

What should you do? (Each correct answer presents a complete solution. Choose all that apply.)

- A. Use the Analysis Services Deployment utility to create an XMLA deployment script.
- B. Deploy the project from SQL Server Data Tools (SSDT).
- C. Use the Analysis Services Deployment wizard to create an XMLA deployment script.
- D. Use the Analysis Services Deployment wizard to create an MDX deployment script.

Answer: BC

NEW QUESTION 35

You need to configure the SSRS data source. What should you do?

- A. Use Windows credentials.
- B. Prompt the user for credentials.

- C. In the data source configuration window, select the Credentials are not required option.
D. Store the credentials.

Answer: A

NEW QUESTION 39

You need to create a measure for DOD sales.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Use the Data Analysis Expressions (DAX) PARALLELPERIOD () function.
B. Create a date dimension by using the Dimension wizard with a date template.
C. Specify a date table by using a Mark the Date table.
D. Use the Multidimensional Expressions (MDX) PARALLELPERIOD() function.

Answer: AC

NEW QUESTION 42

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) multidimensional project.

You identify that a dimension, which has a large number of attributes, is issuing a separate (SELECT DISTINCT) query for each attribute even though they all come from a single database table. The table does not have a large number of rows.

You need to configure the processing of the dimension to issue only a single SQL query to the underlying database, and processing must continue if any errors are encountered.

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.)

Actions	Answer area
In the Properties window, set the ProcessingGroup property to ByTable and then change the KeyDuplicate property to ReportAndStop .	
In the Properties window, set the ProcessingMode property to ByTable and then change the KeyDuplicate property to IgnoreError .	
Open the dimension designer.	
In the Properties window, set the ProcessingMode property to ByTable and then change the KeyDuplicate property to ReportAndStop .	
Select the dimension.	
In the Properties window, set the ProcessingGroup property to ByTable and then change the KeyDuplicate property to IgnoreError .	
Open the cube designer.	

Answer:

Explanation:

Actions	Answer area
In the Properties window, set the ProcessingGroup property to ByTable and then change the KeyDuplicate property to ReportAndStop .	Open the dimension designer.
In the Properties window, set the ProcessingMode property to ByTable and then change the KeyDuplicate property to IgnoreError .	
Open the dimension designer.	Select the dimension.
In the Properties window, set the ProcessingMode property to ByTable and then change the KeyDuplicate property to ReportAndStop .	
Select the dimension.	In the Properties window, set the ProcessingGroup property to ByTable and then change the KeyDuplicate property to IgnoreError .
In the Properties window, set the ProcessingGroup property to ByTable and then change the KeyDuplicate property to IgnoreError .	
Open the cube designer.	

NEW QUESTION 46

You are developing a SQL Server Analysis Services (SSAS) cube. The cube contains several dimensions, a local measure group, and a linked measure group. Both measure groups use MOLAP partitions. You need to write-enable one of the linked measure group partitions to support Microsoft Excel 2010 PivotTable What-If Analysis. What should you do before the partition can be write-enabled?

- A. Implement the cube as a local cube.
- B. Ensure that the measure group measures only use semiadditive aggregation functions.
- C. Implement the linked measure group as a local measure group.
- D. Ensure that the measure group measures only use nonadditive aggregation functions

Answer: C

NEW QUESTION 49

You are developing a SQL Server Reporting Services (SSRS) report for a company that has a subscription to a dataset from the Microsoft Azure Data Market. The dataset permits flexible queries. You need to choose the connection type for the data source. Which connection type should you choose?

- A. XML
- B. Microsoft Azure SQL Database
- C. Microsoft SharePoint List
- D. ODBC

Answer: A

NEW QUESTION 52

A multidimensional SQL Server Analysis Services (SSAS) database will be tested next week. During the test period, users will access the database for 30 days. Multidimensional Expressions (MDX) queries generated during the test period must represent the variety of queries that will be used in the production environment. After testing completes, you need to implement aggregations for every partition in the solution while minimizing development effort. You need to ensure that the aggregations are optimal. What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Set up a query log and record all user queries during the test period.
- B. After completion of the test, use the Usage Based Optimization Wizard to define aggregations for each partition.
- C. During the test period, identify long-running queries by using SQL Server Profiler.
- D. Use those queries to design aggregations by using the DesignAggregations command in XML for Analysis (XMLA).
- E. During the test period, run SQL Server Profiler for 10 minutes every day and record all queries executed in those 10 minutes.
- F. Use the Aggregation Design Wizard to design the aggregations.
- G. Develop a SQL Server Integration Services (SSIS) package by using a Script task and then use Analysis Management Objects (AMO) to design the aggregations.

Answer: D

NEW QUESTION 57

A production SQL Server Analysis Services (SSAS) cube is processed daily. The users query products by using a hierarchy named Products from a dimension named Product. The DimProduct table in the data source view is used as the source of the Product dimension. The table has the following structure.

```
CREATE TABLE [dbo].[DimProduct](
    [DimensionKey] [int] IDENTITY(1,1) NOT NULL,
    [ProductKey] [int] NOT NULL,
    [ProductName] [varchar](50) NOT NULL,
    [SubCategoryKey] [int] NOT NULL,
    [SubCategoryName] [varchar](50) NOT NULL,
    [CategoryKey] [int] NOT NULL,
    [CategoryName] [varchar](50) NOT NULL
) ON [PRIMARY]
```

The **Product** dimension has three attribute hierarchies:

- **Product**
- **SubCategory**
- **Category**

The Product dimension has three attribute hierarchies:

- ? Product
- ? Subcategory
- ? Category

The attributes have the following relationships defined: Product > Subcategory > Category. Each attribute has a key and a name sourced from the related key and name columns in the DimProduct table.

During processing, you receive the following error message: 'Errors in the OLAP storage engine: A duplicate attribute key has been found when processing: Table: 'dbo_DimProduct', Column: 'SubCategoryKey1, Value: '23'. The attribute is Subcategory'.

You verify that the data is accurate.

You need to ensure that the dimension processes successfully. What should you do?

- A. Delete the Products hierarchy.
- B. Relate the Subcategory and Category attributes directly to the Product attribute.
- C. Remove the duplicate data from the DimProduct table.
- D. Remove the Subcategory attribute.

Answer: B

NEW QUESTION 58

You install SQL Server Reporting Services (SSRS). You need to restore a copy of the symmetric key. Which command should you run?

- A. rskeymgmt -d
- B. rskeymgmt -e -f %temp%\rs.key -p Password1
- C. rskeymgmt -i
- D. rskeymgmt -a -f %temp%\rs.key -p Password1

Answer: D

NEW QUESTION 60

You are developing a SQL Server Analysis Services (SSAS) tabular project. A model defines a measure named Profit and includes a table named Date. The table includes year, semester, quarter, month, and date columns. The Date column is of data type Date. The table contains a set of contiguous dates.

You need to create a measure to report on year-over-year growth of profit.

What should you do? (Each answer presents a complete solution. Choose all that apply.)

☐ A. Define the following calculation.

```
Year Over Year Profit Growth:=CALCULATE([Profit], DATEADD('Date'[Date], 1, YEAR))
```

☐ B. Define the following calculation.

```
Year Over Year Profit Growth:=[Profit] - CALCULATE([Profit], PARALLELPERIOD('Date'[Date], -12, MONTH))
```

☐ C. Define the following calculation.

```
Year Over Year Profit Growth:=[Profit] - CALCULATE([Profit], SAMEPERIODLASTYEAR('Date'[Date]))
```

☐ D. Use the Business Intelligence Wizard and then use the **Define time intelligence** enhancement.

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: BCD

NEW QUESTION 64

You maintain a multidimensional Business Intelligence Semantic Model (BISM) that was developed with default settings.

The model has one cube and the cube has one measure group. The measure group is based on a very large fact table and is partitioned by month. The fact table is incrementally loaded each day with approximately 800,000 new rows.

You need to ensure that all rows are available in the cube while minimizing the processing time.

Which processing option should you use?

- A. Process Index
- B. Process Data
- C. Process Add
- D. Process Default
- E. Process Clear
- F. Process Full

Answer: C

NEW QUESTION 65

You are working with a SQL Server Reporting Services (SSRS) instance in native mode. An item role named Developer is present on the server.

The Developer role cannot view and modify report caching parameters.

You need to ensure that the Developer role can view and modify report caching parameters.

Which task should you add to the Developer role?

- A. Manage individual subscriptions
- B. View data sources
- C. Manage report history
- D. Manage all subscriptions

Answer: C

NEW QUESTION 70

DRAG DROP

You install a SQL Server Analysis Services (SSAS) instance in tabular mode on a server.

While processing a very large tabular model, you receive an out-of-memory error. You identify that the amount of physical memory in the server is insufficient.

Additional physical memory cannot be installed in the server.

You need to configure the server to allow paging to disk by using the operating system page file (pagefile.sys).

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.)

Change the value of the **Memory VertiPagingPolicy** configuration option to **1**.

Change the value of the **OLAP Process AllowDiskPaging** configuration option to **1**.

Change the value of the **Memory VertiPagingPolicy** configuration option to **2**.

Restart the Analysis Services instance.

In Object Explorer, right-click the Analysis Services instance and then click **Properties**.

Change the value of the **Memory VertiPagingPolicy** configuration option to **0**.

Select the **Show Advanced (All) Properties** checkbox.

Answer:

Explanation: Box 1:

In Object Explorer, right-click the Analysis Services instance and then click **Properties**.

Box 2:

Select the **Show Advanced (All) Properties** checkbox.

Box 3:

Change the value of the **Memory VertiPagingPolicy** configuration option to **1**.

Box 4:

Restart the Analysis Services instance.

Note:

* View or set configuration properties in Management Studio

? In SQL Server Management Studio, connect to an Analysis Services instance. In Object Explorer, right-click the Analysis Services instance, and then click Properties. The General page appears, displaying the more commonly used properties.

? To view additional properties, click the Show Advanced (All) Properties checkbox at the bottom of the page.

Modifying server properties is supported only for tabular mode and multidimensional mode servers. If you installed PowerPivot for SharePoint, always use the default values unless you are directed otherwise by a Microsoft product support engineer.

* VertiPagingPolicy

Specifies the paging behavior in the event the server runs low on memory. Valid values are as follows:

Zero (0) is the default. No paging is allowed. If memory is insufficient, processing fails with an out-of-memory error.

1 enables paging to disk using the operating system page file (pagefile.sys).

When VertiPagingPolicy is set to 1, processing is less likely to fail due to memory constraints because the server will try to page to disk using the method that you specified. Setting the VertiPagingPolicy property does not guarantee that memory errors will never happen. Out of memory errors can still occur under the following conditions:

There is not enough memory for all dictionaries. During processing, Analysis Services locks the dictionaries for each column in memory, and all of these together cannot be more than the value specified for VertiPagingLimit.

There is insufficient virtual address space to accommodate the process.

To resolve persistent out of memory errors, you can either try to redesign the model to reduce the amount of data that needs processing, or you can add more physical memory to the computer.

Applies to tabular server mode only

* Incorrect: VertiPagingLimit

If paging to disk is allowed, this property specifies the level of memory consumption (as a percentage of total memory) at which paging starts. The default is 60. If memory consumption is less than 60 percent, the server will not page to disk.

This property depends on the VertiPagingPolicyProperty, which must be set to 1 in order for paging to occur.

Applies to tabular server mode only.

NEW QUESTION 71

You are developing a SQL Server Analysis Services (SSAS) tabular project. A model defines a measure named Revenue and includes a table named Date. The table includes year, semester, quarter, month, and date columns. The Date column is of data type Date. The table contains a set of contiguous dates.

You need to create a measure to report on year-over-year growth of revenue.

What should you do? (Each answer presents a complete solution. Choose all that apply.)

☐ A. Define the following calculation.

Year Over Year Revenue Growth:=[Revenue] - CALCULATE([Revenue],
SAMEPERIODLASTYEAR('Date'[Date]))

☐ B. Define the following calculation.

Year Over Year Revenue Growth:=CALCULATE([Revenue], DATEADD('Date'[Date], 1, YEAR))

☐ C. Use the Business Intelligence Wizard and then use the **Define time intelligence** enhancement.

☐ D. Define the following calculation.

Year Over Year Revenue Growth:=[Revenue] - CALCULATE([Revenue],
PARALLELPERIOD('Date'[Date], -12, MONTH))

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: ACD

NEW QUESTION 74

You develop a SQL Server Analysis Services (SSAS) stored procedure.

You need to ensure that developers can create Multidimensional Expressions (MDX) calculations that use the stored procedure.

What should you do?

- A. Register the assembly on the SSAS server instance.
- B. Copy the assembly to the SSAS installation directory and register it by using the CREATE ASSEMBLY T-SQL command.
- C. Register the assembly on the SSAS server by using regedit.exe.
- D. Register the assembly on the SharePoint server by using regedit.exe.

Answer: A

NEW QUESTION 76

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) cube. You need to reuse a measure group from a different database.

In SQL Server Data Tools (SSDT), 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.)

From the **Select a Data Source** step, reference the Analysis Services data source.

From the **Select Objects** step, select the measure group and the dimensions that you need to link.

Launch the Linked Object Wizard.

Launch the Business Intelligence Wizard.

From the **Select Objects** step, select only the measure group that you need to link.

Answer:

Explanation: Box 1:

Launch the Linked Object Wizard.

Box 2:

From the **Select a Data Source** step, reference the Analysis Services data source.

Box 3:

From the **Select Objects** step, select only the measure group that you need to link.

Note:

* You can use the Linked Object Wizard to either link to or import cubes, dimensions, measure groups, calculations, and Key Performance Indicators (KPIs). You can link to or import these items from another database on the same server or from a database on a remote server

* On the Select a Data Source page of the Linked Object Wizard, choose the Analysis Services data source or create a new one.

* On the Select Objects page of the wizard, choose the dimensions you want to link to in the remote database. You cannot link to linked dimensions in the remote database.

* Incorrect:

The Business Intelligence Wizard can guide you through some or all the following steps: Define time intelligence for cubes.
Define account intelligence for cubes and dimensions. Define dimension intelligence for cubes and dimensions. Define unary operators for cubes.
Set custom member formulas for cubes and dimensions. Specify attribute ordering for dimensions.
Enable dimension writeback for dimensions. Define semi-additive behavior for cubes. Define currency conversion for cubes.

NEW QUESTION 78

You are developing a SQL Server Reporting Services (SSRS) report. The report includes a dataset with fields named Year Month Number, and InvCount. The report includes a table that displays the inventory count per year, as shown in the following table.

Year	Inv Count
1995	46,043
1996	45,471
1997	45,765
1998	45,484
1999	47,193
2000	48,456
2001	48,412
2002	47,902
2003	48,049
2004	48,442
2005	48,519
2006	48,837
2007	49,074
2008	48,981
2009	49,251
2010	49,407
2011	49,547

You need to modify the table to include a graphical item displaying the inventory count trend to the right of the Inv Count column. What should you do?

- A. Add an Indicator item to a new column on the right of the Inv Count column
- B. Select the Directional Indicator type and then assign the MonthNumber field to the Start property.
- C. Add a Sparkline item to a new column on the right of the Inv Count column
- D. Then select the InvCount field for Values and the MonthNumber field for Series Groups.
- E. Add a Sparkline item to a new column on the right of the Inv Count column
- F. Then select the InvCount field for Values and the MonthNumber field for Category Groups.
- G. Add a text box to a new column on the right of the Inv Count column
- H. Then use a Go to report action to link to a separate report showing the monthly trend.
- I. Add an Indicator item to a new column on the right of the Inv Count column
- J. Select the Directional Indicator type and then select the MonthNumber field for Value.

Answer: C

NEW QUESTION 83

You are developing a SQL Server Analysis Services (SSAS) tabular project. The model has tables named Invoice Line Items and Products. The Invoice Line Items table has the following columns:

? Product Id

? Unit Sales Price

The Unit Sales Price column stores the unit price of the product sold.

The Products table has the following columns:

? Product Id

? Maximum Sales Price

The Maximum Sales Price column is available only in the Products table.

You add a column named Is Overpriced to the Invoice Line Items table. The Is Overpriced column must store a value of TRUE if the value of the Unit Sales Price is greater than the value of the Maximum Sales Price. Otherwise, a value of FALSE must be stored.

You need to define the Data Analysis Expressions (DAX) expression for the Is Overpriced column.

Which DAX formula should you use? (Each answer represents a complete solution. Choose all that apply.)

- ☐ A. =IF(LOOKUPVALUE(Products[Unit Sales Price], Products[Product Id], [Product Id]) > [Maximum Sales Price]), TRUE, FALSE)
- ☐ B. =IF([Unit Sales Price] > RELATED(Products[Maximum Sales Price]), TRUE, FALSE)
- ☐ C. =IF([Unit Sales Price] > LOOKUPVALUE(Products[Maximum Sales Price], Products[Product Id], [Product Id]), TRUE, FALSE)
- ☐ D. =IF(RELATED(Products[Unit Sales Price]) > [Maximum Sales Price], TRUE, FALSE)

- A. Option A
B. Option B
C. Option C
D. Option D

Answer: BC

NEW QUESTION 87

You are developing a SQL Server Reporting Services (SSRS) sales summary report. The report header consists of several images. Report users require PDF exports of the report with no bulky images of the report header. You need to ensure that the header of the report is hidden when a user exports the report to PDF format. What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Set the Hidden property of the report header to (Globals!RenderFormat.Name = "PDF").
B. Set the Hidden property of the report header to (Globals!RenderFormat.IsInteractive = False).
C. Set the Hidden property of the report header to FALSE.
D. Set the Hidden property of the report header to TRUE.

Answer: A

NEW QUESTION 89

DRAG DROP

You are planning the installation of PowerPivot for SharePoint. You install SharePoint Server 2010 Enterprise Edition with Service Pack 1. You need to install the PowerPivot for SharePoint instance. Then you need to configure the Default Account username used to provision shared services in the SharePoint farm. 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.)

- Enter the Default Account username and password.
- Run the PowerPivot Configuration Tool.
- Install SQL Server PowerPivot Add-in for SharePoint.
- Use the **Import from PowerPivot** template as the project type.
- Open the Services management console and edit the PowerPivot System Service properties.
- Open SQL Server Data Tools and create a new project.

Answer:

Explanation:

Enter the Default Account username and password.	Install SQL Server PowerPivot Add-in for SharePoint.
Run the PowerPivot Configuration Tool.	Run the PowerPivot Configuration Tool.
Install SQL Server PowerPivot Add-in for SharePoint.	Enter the Default Account username and password.
Use the Import from PowerPivot template as the project type.	
Open the Services management console and edit the PowerPivot System Service properties.	
Open SQL Server Data Tools and create a new project.	

NEW QUESTION 93

DRAG DROP

You have a cube named Cube1 that contains the sales data for your company. You plan to build a report based on the cube. You need to write an MDX expression that returns the total sales from the first month of the 2009 fiscal year and the total sales from the same period of the 2008

fiscal year.

Which code segments should you insert at line 03 and line 05? To answer, drag the appropriate code segments to the correct lines. Each code segments may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Code segments

OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009])

ParallelPeriod ([Date].[Fiscal].[Fiscal Year] , -1 ,
OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009]))

ParallelPeriod ([Date].[Fiscal].[Fiscal Year] , 1 ,
OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009]))

OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009])

ParallelPeriod ([Date].[Fiscal].[Month] , 1 ,
OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009]))

ParallelPeriod ([Date].[Fiscal].[Month] , -1 ,
OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009]))

Answer Area

01. **SELECT** [Measures].[Sales Amount] **ON ROWS**

02. ,{

03. code segment

04. ,

05. code segment

06. } **ON COLUMNS**

07. **FROM** [Cube1];

Answer:

Explanation:

Code segments

```
OpeningPeriod ( [Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009] )
```

```
ParallelPeriod ( [Date].[Fiscal].[Fiscal Year] , -1 ,  
OpeningPeriod ( [Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal  
Year].&[2009] ) )
```

```
ParallelPeriod ( [Date].[Fiscal].[Fiscal Year] , 1 ,  
OpeningPeriod ( [Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal  
Year].&[2009] ) )
```

```
OpeningPeriod ( [Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009] )
```

```
ParallelPeriod ( [Date].[Fiscal].[Month] , 1 ,  
OpeningPeriod ( [Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal  
Year].&[2009] ) )
```

```
ParallelPeriod ( [Date].[Fiscal].[Month] , -1 ,  
OpeningPeriod ( [Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal  
Year].&[2009] ) )
```

Answer Area

01. **SELECT** [Measures].[Sales Amount] **ON ROWS**

02. ,{

03. OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal Year].&[2009])

04. ,

05. ParallelPeriod ([Date].[Fiscal].[Fiscal Year] , 1 ,
OpeningPeriod ([Date].[Fiscal].[Month] , [Date].[Fiscal].[Fiscal
Year].&[2009]))

06. } **ON COLUMNS**

07. **FROM** [Cube1];

NEW QUESTION 94

You manage a SQL Server Reporting Services (SSRS) instance.

An application must pass credentials to the local security authority for Reporting Services. You need to configure Reporting Services to issue a challenge/response when a

connection is made without credentials.

Which authentication type should you configure in the RSReportServer.config file?

- A. RSWindowsKerberos
- B. RSWindowsNegotiate
- C. RSWindowsNTLM
- D. RSWindowsBasic

Answer: D

Explanation: Ref: <http://msdn.microsoft.com/en-us/library/ms157273.aspx>

NEW QUESTION 96

You are developing a SQL Server Reporting Services (SSRS) report that renders in HTML. The report includes a dataset with fields named Description, Price, and Color. The report layout includes a table that displays product details and also includes columns named Description, Price, and Color.

You need to modify the report so that users can sort products by the Price column. What should you do?

- A. Set the SortExpression value to =Fields!Price.Description for the Price text box.
- B. Set the SortExpression property to =Fields!Price.Name for the Price text box.
- C. Set the SortExpression property to =Fields!Price.Value for the Price text box.
- D. Add a custom action to the Price text box.

Answer: C

NEW QUESTION 98

You are designing a SQL Server Analysis Services (SSAS) cube. You need to create a measure to count unique customers.

What should you do?

- A. Use role playing dimensions.
- B. Use the Business Intelligence Wizard to define dimension intelligence.
- C. Add a measure that uses the Count aggregate function to an existing measure group.
- D. Add a measure that uses the DistinctCount aggregate function to an existing measure group.
- E. Add a measure group that has one measure that uses the DistinctCount aggregate function.
- F. Add a calculated measure based on an expression that counts members filtered by the Exists and NonEmpty functions.
- G. Add a hidden measure that uses the Sum aggregate functio
- H. Add a calculated measure aggregating the measure along the time dimension.
- I. Create several dimension
- J. Add each dimension to the cube.
- K. Create a dimensio
- L. Then add a cube dimension and link it several times to the measure group.
- M. Create a dimensio
- N. Create regular relationships between the cube dimension and the measure grou
- O. Configure the relationships to use different dimension attributes.
- P. Create a dimension with one attribute hierarch
- Q. Set the IsAggrcgatable property to False and then set the DefaultMember propert
- R. Use a regular relationship between the dimension and measure group.
- S. Create a dimension with one attribute hierarch
- T. Set the IsAggregatable property to False and then set the DefaultMember propert
- U. Use a many-to-many relationship to link the dimension to the measure group.
- V. Create a dimension with one attribute hierarch
- W. Set the IsAggregatable property to False and then set the DefaultMember propert
- X. Use a many-to-many relationship to link the dimension to the measure group.
- Y. Create a dimension with one attribute hierarch
- Z. Set the ValueColumn property, set the IsAggregatable property to False, and then set the DefaultMember property
- BA. Configure the cube dimension so that it does not have a relationship with the measure grou
- BB. Add a calculated measure that uses the MemberValue attribute property.
- BC. Create a new named calculation in the data source view to calculate a rolling su
- BD. Add a measure that uses the Max aggregate function based on the named calculation.

Answer: E

NEW QUESTION 103

You are managing a SQL Server Reporting Services (SSRS) instance in native mode. A role named Folder Access Controller is present on the server. The Folder Access Controller role consists of only the Set security for individual items task. When role members open Report Manager, they cannot view folders. You need to modify the Folder Access Controller role so that the role members can view folders. Which task should you add to the Folder Access Controller role?

- A. Manage models
- B. Manage reports
- C. View reports
- D. Manage folders

Answer: D

NEW QUESTION 108

You are developing a SQL Server Analysis Services (SSAS) cube. The data warehouse has a table named FactStock that is used to track movements of stock. A column named MovementQuantity contains quantities of stock. A positive quantity is used for input and negative quantity is used for output. A column named Movement Date is related to the time dimension. The quantity in stock, at a given point in time, can be evaluated as the sum of all MovementQuantity values at that point in time. You need to create a measure that calculates the quantity in stock value. What should you do?

- A. Use role playing dimensions.
- B. Use the Business Intelligence Wizard to define dimension intelligence.
- C. Add a measure that uses the Count aggregate function to an existing measure group.
- D. Add a measure that uses the DistinctCount aggregate function to an existing measure group.
- E. Add a measure group that has one measure that uses the DistinctCount aggregate function.
- F. Add a calculated measure based on an expression that counts members filtered by the Exists and NonEmpty functions.
- G. Add a hidden measure that uses the Sum aggregate functio
- H. Add a calculated measure aggregating the measure along the time dimension.
- I. Create several dimension
- J. Add each dimension to the cube.
- K. Create a dimensio
- L. Then add a cube dimension and link it several times to the measure group.
- M. Create a dimensio
- N. Create regular relationships between the cube dimension and the measure grou
- O. Configure the relationships to use different dimension attributes.
- P. Create a dimension with one attribute hierarch
- Q. Set the IsAggrcgatable property to False and then set the DefaultMember propert
- R. Use a regular relationship between the dimension and measure group.
- S. Create a dimension with one attribute hierarch
- T. Set the IsAggregatable property to False and then set the DefaultMember propert
- U. Use a many-to-many relationship to link the dimension to the measure group.
- V. Create a dimension with one attribute hierarch
- W. Set the IsAggregatable property to False and then set the DefaultMember propert
- X. Use a many-to-many relationship to link the dimension to the measure group.
- Y. Create a dimension with one attribute hierarch
- Z. Set the ValueColumn property, set the IsAggregatable property to False, and then set the DefaultMember property
- BA. Configure the cube dimension so that it does not have a relationship with the measure grou
- BB. Add a calculated measure that uses the MemberValue attribute property.

BC. Create a new named calculation in the data source view to calculate a rolling su
BD. Add a measure that uses the Max aggregate function based on the named calculation.

Answer: G

NEW QUESTION 111

You are designing a SQL Server Reporting Services (SSRS) report based on a SQL Server Analysis Services (SSASJ) cube. The cube contains a Key Performance Indicator (KPI) to show if a salesperson's sales are off target slightly off target, or on target. You need to add a report item that visually displays the KPI status value as a red, yellow, or green circle. Which report item should you add?

- A. Linear Gauge
- B. Indicator
- C. Data Bar
- D. Radial Gauge
- E. Sparkline

Answer: B

NEW QUESTION 112

You are developing a SQL Server Analysis Services (SSAS) tabular project. You need to grant the minimum permissions necessary to enable users to query data in a data model. Which role permission should you use?

- A. Explorer
- B. Process
- C. Browser
- D. Administrator
- E. Select
- F. Read

Answer: F

NEW QUESTION 113

You are modifying a SQL Server Analysis Services (SSAS) multidimensional database. You have identified a dimension that is no longer used by any cubes. You need to delete the dimension. What should you do?

- A. Write a Multidimensional Expressions (MDX) command to drop the dimension from the database.
- B. Write a Data Mining Extensions (DMX) command to drop the dimension from the database.
- C. Script the deletion of the dimension as an XMLA command for execution against the production model.
- D. Write a T-SQL command to drop the dimension from the database.

Answer: C

NEW QUESTION 114

You are developing a BI Semantic Model (BISM) that will be used to analyze complex budgeting and forecast data sourced from a financial database. The model will be deployed to a server with 28 GB of RAM. The source data, located in a SQL Server data warehouse, is currently using 15 terabytes of disk space and is doubling in size every month. The model will be queried by staff in the accounting department by using Microsoft Excel 2010. You need to ensure the highest query performance and scalability for the accounting department queries. Which project type should you choose?

- A. Tabular project that uses the In-Memory query mode
- B. PowerPivot workbook deployed to SharePoint
- C. Tabular project that uses the DirectQuery query mode
- D. Multidimensional project

Answer: D

NEW QUESTION 116

You are developing a SQL Server PowerPivot workbook that sources data from a Microsoft Azure SQL Database database. The PowerPivot model includes a single table named FactSales that consists of four columns named Year, Country, Product and Revenue. The model includes the following two measures.
? Sales:=SUM(FactSales[Revenue])
? Sales %:=[Sales] / CALCULATE([Sales], ALL(FactSales))
In Microsoft Excel 2010 you create the following PivotTable report.

	A	B	C	D	E
1			Year	2011	
2					
3		Country	Row Labels	Sales	Sales %
4		Canada	Bread	234,533	0.54 %
5		Mexico	Dairy	112,045	0.26 %
6		USA	Meat	534,009	1.22 %
7			Grand Total	880,587	2.01 %

Users report that the Sales % measure computes an incorrect ratio. The measure should meet a requirement to compute a ratio over all visible sales values defined by the query filters. The Grand Total value for the Sales % measure should equal 100%.

You need to fix the Sales % measure to meet the requirement. Which Data Analysis Expressions (DAX) expression should you use?

- A. = [Sales] / CALCULATE([Sales])
- B. = [sales] / [Sales](ALLSELECTED(FactSales))
- C. = [sales] / CALCULATE([Sales], VALUES(FactSales[Year]), VALUES(FactSales[Country]))
- D. = [sales] / [Sales](ALLEXCEPT(FactSales, FactSales[Year]))

Answer: B

NEW QUESTION 118

You are designing a SQL Server Reporting Services (SSRS) report that sources data from a Microsoft Azure SQL Database database.

The report must display the value and status of a Key Performance Indicator (KPI).

Which report item should you use? (Each answer presents a complete solution. Choose all that apply.)

- A. Indicator
- B. Data Bar
- C. Image
- D. Sparkline
- E. Gauge

Answer: AE

NEW QUESTION 121

You are developing a new SQL Server Reporting Services (SSRS) report in SQL Server Data Tools (SSDT). This report has a table named Table1 and a textbox named Textbox1.

Table1 is initially visible but the user must be able to choose when to hide it. You need to develop the report to meet the requirement.

What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. For the properties of Table1, configure the Display can be toggled by this report item option to use Textbox1.
- B. Configure Textbox1 to drill through to rerun the report to toggle the display of Table1.
- C. For the properties of Table1, configure the Display can be toggled by this report item option to use Table1
- D. Add a parameter to the report so users can choose the display state of Table1.

Answer: A

NEW QUESTION 122

You are developing a SQL Server Analysis Services (SSAS) tabular project for a Power View solution.

You need to grant permission for salespersons to view only the data based on their sales territory.

What should you do?

- A. Create a member and then create a Data Analysis Expressions (DAX) filter.
- B. Create a member and then create a Multidimensional Expressions (MDX) filter.
- C. Use SQL Server Management Studio to create a rol
- D. Then create a Data Analysis Expressions (DAX) filter.
- E. Use SQL Server Management Studio to create a rol
- F. Then create a Multidimensional Expressions (MDX) filter.

Answer: C

NEW QUESTION 124

You are developing a SQL Server Reporting Services (SSRS) sales summary report. The report header consists of several images.

You need to ensure that the header of the report is hidden when a user exports the report to PDF format.

Which Hidden property expression should you use for the report header? {More than one answer choice may achieve the goal. Select the BEST answer.}

- A. =(Globals!RenderFormat.IsInteractive = False)
- B. = (Globals!RenderFormat.Name = "PDF")
- C. =False
- D. =True

Answer: B

NEW QUESTION 127

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) cube.

You need to add a calculated member to the Customer dimension to evaluate the sum of values for France and Germany.

Which expression should you use? (To answer, drag the appropriate expression to the answer area.)

Expressions	Answer Area
<pre>[Customer].[Customer Geography].[Country].[France] & [Customer].[Customer Geography].[Country].[Germany]</pre>	<pre>CREATE MEMBER CURRENTCUBE.[Customer].[Customer Geography].[All].[Average FR and DE] AS</pre>
<pre>{{[Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]}}</pre>	<div>Expression</div>
<pre>[Customer].[Customer Geography].[Country].[France] UNION [Customer].[Customer Geography].[Country].[Germany]</pre>	
<pre>SUM([Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]))</pre>	
<pre>SUM([Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]))</pre>	

Answer:

Explanation:

Expressions	Answer Area
<pre>[Customer].[Customer Geography].[Country].[France] & [Customer].[Customer Geography].[Country].[Germany]</pre>	<pre>CREATE MEMBER CURRENTCUBE.[Customer].[Customer Geography].[All].[Average FR and DE] AS</pre>
<pre>{{[Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]}}</pre>	<pre>SUM([Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]))</pre>
<pre>[Customer].[Customer Geography].[Country].[France] UNION [Customer].[Customer Geography].[Country].[Germany]</pre>	
<pre>SUM([Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]))</pre>	
<pre>SUM([Customer].[Customer Geography].[Country].[France], [Customer].[Customer Geography].[Country].[Germany]))</pre>	

NEW QUESTION 130

You deploy a tabular model in DirectQuery mode to a server named Server1. Server1 has SQL Server Analysis Services (SSAS) installed. The model uses a relational data source named DB1. You need to ensure that Server1 passes the credentials of the current user browsing the model to DB1. What should you do?

- A. Register a Service Principal Name (SPN) for Server1.
- B. From the SQL Server Data Tools, modify the impersonation settings.
- C. From the Web.config file, modify the impersonation settings.
- D. Register a Service Principal Name (SPN) for DB1.

Answer: A

NEW QUESTION 134

You are restructuring an existing cube. One of the measures in the cube is Amount. The Sum aggregation function is used for the Amount measure. The cube includes a dimension named Account and the dimension's Type property is set to Accounts. The Account dimension includes an account type attribute. You need to ensure that the Amount measure aggregates correctly according to the account type classification. Development effort must be minimized. What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Develop a .NET application that uses Analysis Management Objects (AMO) to change the existing AggregateFunction property value of the Amount measure to FirstNonEmpty and then use the application.
- B. Develop a .NET application that uses Analysis Management Objects (AMO) to change the existing AggregateFunction property value of the Amount measure to ByAccount and then use the application.
- C. Use SQL Server Data Tools to change the AggregateFunction property value of the Amount measure to ByAccount.
- D. Add the ByAccount attribute to the account dimension.

Answer: C

NEW QUESTION 135

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) tabular project. You need to add a calculated column to a table in the model. 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.)

On the Design ribbon inside the Columns group, click **Add**.

Click **Add Formula** and then add a Data Analysis Expressions (DAX) function.

In the formula bar, type an equal sign followed by a Data Analysis Expressions (DAX) expression.

In the formula bar, type an equal sign followed by a Multidimensional Expressions (MDX) expression.

On the **Column** menu, select **Add Column**.

In the model designer, select the table to which you want to add a calculated column.

Answer:

Explanation: Box 1:

In the model designer, select the table to which you want to add a calculated column.

Box 2:

On the **Column** menu, select **Add Column**.

Box 3:

In the formula bar, type an equal sign followed by a Data Analysis Expressions (DAX) expression.

Note:

? In the model designer, in Data View, select the table to which you want to add a calculated column, then click the Column menu, and then click Add Column.

* To create a new calculated column Add Column is highlighted over the empty rightmost column, and the cursor moves to the formula bar.

To create a new column between two existing columns, right-click an existing column, and then click Insert Column.

? In the formula bar, do one of the following:

? Press ENTER to accept the formula.

* Calculated columns, in tabular models, allow you to add new data to your model. Instead of pasting or importing values into the column, you create a DAX formula that defines the column's row level values. The calculated column can then be used in a report, PivotTable, or PivotChart as would any other column.

* A calculated column is DAX expression that creates a new column in a table and the obtained values are stored in the table; the calculated column expression is evaluated every time the table is processed.

* In tabular object models the calculated column is a column in a table whose values are calculated upon definition of the column, from an expression.

NEW QUESTION 139

You have a SQL Server Analysis Services (SSAS) database named DB1 on a server named Server1.

You need to deploy DB1 from Server1 to four other servers. If the destination server already contains a copy of DB1, the database must be updated only. If the destination server does not contain a copy of DB1, the database must be copied to the destination server.

What is the best deployment option to use? More than one answer choice may achieve the goal. Select the BEST answer.

- A. Analysis Services Deployment Wizard
- B. Analysis Management Objects (AMO) automation
- C. Backup and Restore
- D. Synchronize Database Wizard

Answer: D

Explanation: In the Synchronize Database Wizard dialog box, type the name of the source server and source database in the appropriate fields.

Synchronization will occur for source and destination databases that have the same name. If the destination server already has a database that shares the same name as the source database, the destination database will be updated with the metadata and data of the source. If the database does not exist, it will be created on the destination server. Click Next.

Ref: [http://technet.microsoft.com/en-us/library/ms174928\(v=sql.110\).aspx](http://technet.microsoft.com/en-us/library/ms174928(v=sql.110).aspx)

NEW QUESTION 140

You are designing a SQL Server Analysis Services (SSAS) cube for the sales department at your company.

The sales department has the following requirements for the cube:

? Include a year-over-year (YOY) calculation

? Include a month-over-month (MOM) calculation

You need to ensure that the calculations are implemented in the cube. Which Multidimensional Expressions (MDX) function should you use?

- A. UNREGINTERCEPT()
- B. LASTPERIODS()
- C. TIMEINTELLIGENCE()
- D. PARALLELPERIOD()

Answer: D

NEW QUESTION 144

HOTSPOT

You are designing a dimension named Employee for a SQL Server Analysis Services multidimensional project.

The Employee dimension contains a DateOfBirth attribute and a MaritalStatus attribute. You need to minimize the amount of time required to process the cube.

What should you do? To answer, select the appropriate relationship type for each attribute in the answer area.

Answer Area

Attribute	Relationship type
DateOfBirth	<input type="text"/>
MaritalStatus	<input type="text"/>

Answer Area

Attribute	Relationship type
DateOfBirth	<input type="text"/> Fixed Flexible Rigid
MaritalStatus	<input type="text"/> Fixed Flexible Rigid

Answer:

Explanation: **Answer Area**

Attribute	Relationship type
DateOfBirth	<input type="text"/> Fixed Flexible Rigid
MaritalStatus	<input type="text"/> Fixed Flexible Rigid

NEW QUESTION 147

You are developing a SQL Server Analysis Services (SSAS) tabular project.

A model contains tables and columns that must not be visible to the user. The columns and tables cannot be removed because they are used in calculations. The calculations are used to calculate the budget and forecast for the current quarter.

You need to hide the tables and columns. What should you do?

- A. Before adding the forecast calculations to the model, right-click the applicable tables and columns and select the Hide option.
- B. After adding the budget calculations to the model, in the Properties window for the applicable tables and columns, set the Visible property to True.
- C. Before adding the forecast calculations to the model, right-click the applicable tables and columns and select the Hide from Client Tools option.
- D. After adding the budget calculations to the model, in the Properties window for the applicable tables and columns, set the Enabled property to False.

Answer: C

NEW QUESTION 151

DRAG DROP

You have a database named DB1. DB1 contains four tables named FactSales, DimTime, DimCustomer, and DimEmployee. A sample from DimEmployee is shown in the following table.

EmployeeID	Name	Title	Managers
1	Kim Abercrombie	CEO	<i>Not applicable</i>
20	Brad Sutton	Sales Manager	1
31	Don Funk	Sales Supervisor	20
123	Diane Margheim	Sales Associate	31

A sample from DimCustomer is shown in the following table.

CustomerID	Name	City	State	Country
1	Contoso, Ltd.	Miami	FL	United States
2	Adventure Works	Montreal	QC	Canada
3	Woodgrove Bank	London	<i>Not applicable</i>	United Kingdom

A sample from FactSales is shown in the following table.

ID	Customer	Employee	ShipDate	DeliveryDate	Amount
21	1	20	1	8	2345.67
27	2	123	1	8	23254.45
34	3	31	2	9	43543.56

You need to identify which type of dimension must be created for each table.

Which type of dimension should you create for each table? To answer, drag the appropriate dimensions to the correct tables. Each dimension may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Dimensions	Answer Area
Degenerate dimension	DimCustomer Dimension
Ragged dimension	DimEmployee Dimension
Role-playing dimension	DimTime Dimension
Parent-child dimension	

Answer:

Explanation:

Dimensions	Answer Area
Degenerate dimension	DimCustomer Ragged dimension
Ragged dimension	DimEmployee Parent-child dimension
Role-playing dimension	DimTime Role-playing dimension
Parent-child dimension	

NEW QUESTION 152

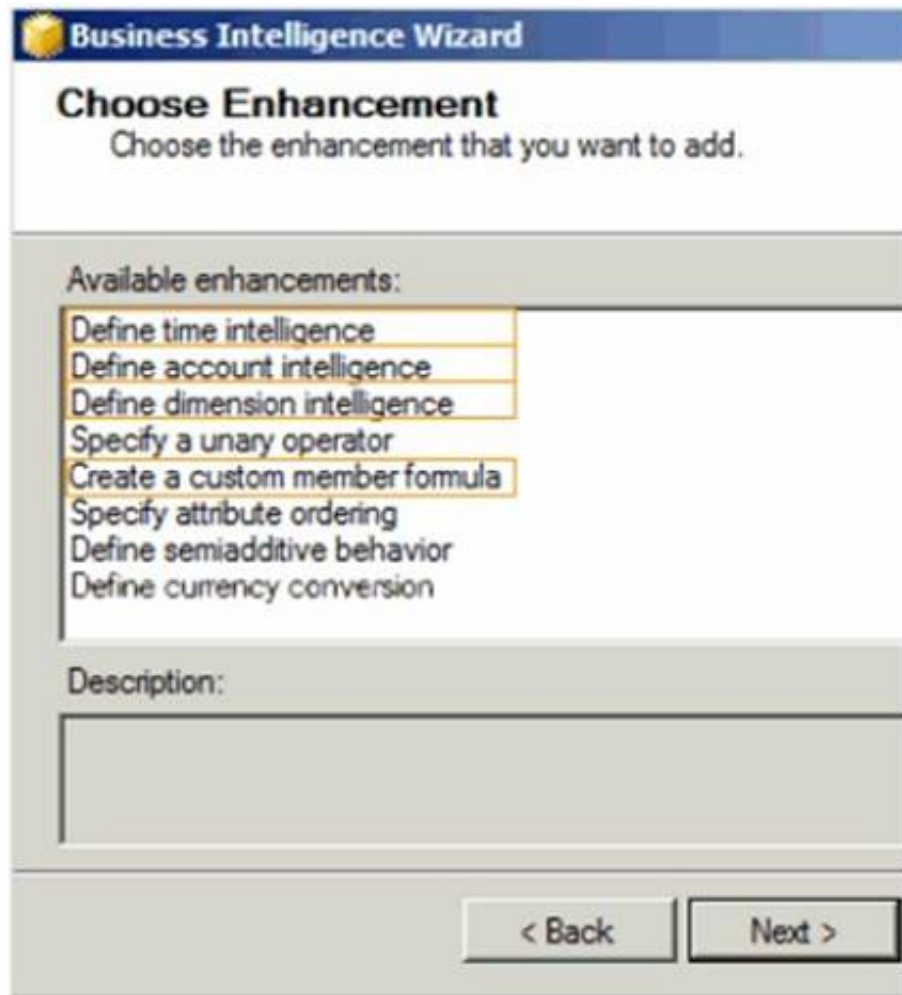
HOTSPOT

A sales cube contains two years of data.

The sales team must see year-over-year (YOY) and month-over-month (MOM) sales metrics.

You need to modify the cube to support the sales team's requirements.

Which Business Intelligence Wizard enhancements should you use? (To answer, configure the appropriate option or options in the dialog box in the answer area.)



Business Intelligence Wizard

Choose Enhancement
Choose the enhancement that you want to add.

Available enhancements:

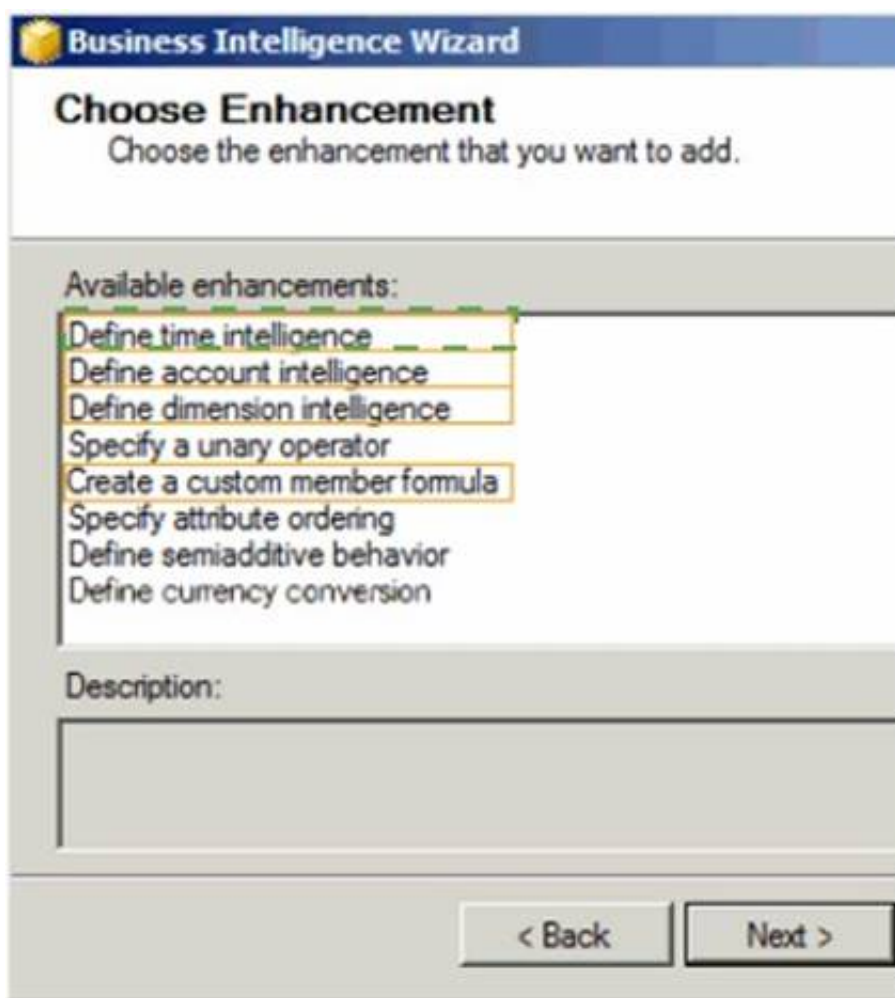
- Define time intelligence
- Define account intelligence
- Define dimension intelligence
- Specify a unary operator
- Create a custom member formula
- Specify attribute ordering
- Define semiadditive behavior
- Define currency conversion

Description:

< Back Next >

Answer:

Explanation:



Business Intelligence Wizard

Choose Enhancement
Choose the enhancement that you want to add.

Available enhancements:

- Define time intelligence
- Define account intelligence
- Define dimension intelligence
- Specify a unary operator
- Create a custom member formula
- Specify attribute ordering
- Define semiadditive behavior
- Define currency conversion

Description:

< Back Next >

NEW QUESTION 154

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) cube. The cube consists of a single measure group.

The measure group consists of one partition that uses MOLAP. The proactive caching policy has the following requirements:

? The cache must be updated when data is changed in the table named tblOrders.

? Changes must be notified through the use of the XML for Analysis (XMLA) NotifyTableChange command.

You need to configure the proactive caching policy to meet the requirements.

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.)

On the **Partitions** tab, click **Storage Settings**.

Select the **SQL Server** notification type, and then select the **tblOrders** table.

Enable proactive caching.

Open the partition storage settings.

Select the **Update the cache periodically** option.

Select the **Client initiated** notification type, and then select the **tblOrders** table.

Answer:

Explanation: Box 1: On the Partitions tab, Click Storage Settings

We specify the Storage Settings for the correct partition.

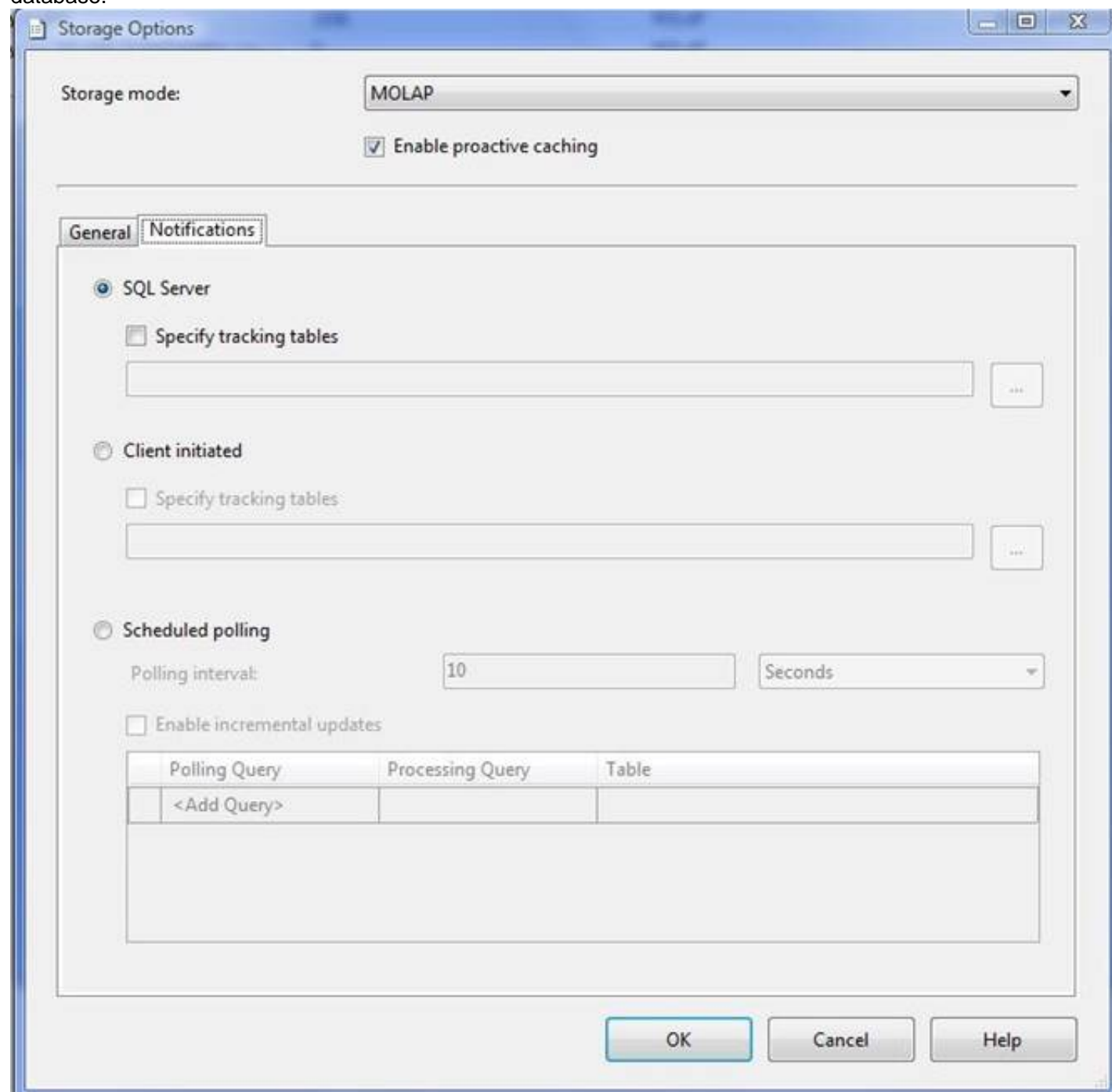
Box 2: Enable proactive caching. We enable proactive caching.

Box 3: Select the Client initiated notification type, and then select the tblOrders table. On the Notifications tab, there are three options out of which, as shown below, you can select any one at a time.

* SQL Server - With this option, SSAS uses SQL Server notification services/specialized trace mechanism to identify data changes.

* Client initiated - With this option, client can specify the XMLA (XML for Analysis) command (NotifyTableChange) to identify data changes.

* Scheduled polling - With this option, SSAS uses a series of queries to see (polling at defined interval) if there is any data change at the underlying relational database.



Note:

You use the Storage Settings dialog box in BIDS (Business Intelligence Development Studio) to set the proactive caching feature, storage location, and notification settings for a dimension, cube, measure group, or measure group partition.

? In the Cube Browser, open your cube and select the Partitions tab.

? Expand the measure group and select the partition for which you want to enable proactive caching.

? Click the Storage Setting link to open the Partition Storage Settings dialog box similar to the one as shown in below image. (Box 1)



The Custom Setting allows you to explicitly enable proactive caching (if you don't want to use Standard Setting), set storage mode, and notification options. (Box 2)

NEW QUESTION 155

You are creating a new report in SQL Server Report Builder. You add a Microsoft Azure SQL Database data source. Then you add a dataset that has four fields named Year, Country, Category, and Sales.

You must design a matrix as shown in the following table.

	CY 2003	CY2004
Accessories	293,710	407,050
Bikes	9,359,103	9,162,325
Clothing	138,248	201,525
Australia	3,033,784	2,563,884
Canada	535,784	673,628
France	1,026,325	922,179
Germany	1,058,406	1,076,891
United Kingdom	1,298,249	1,210,286
United States	2,838,512	3,324,031
Total	9,791,060	9,770,900

The category rows (the first three rows as shown in the diagram) must present total sales amount by category. The country rows (the next six rows as shown in the diagram) must present total sales amount by country. The total row must present the total sales for each year.

You add a matrix to the report. You add a grouping of the Category field on the rows and a grouping of the Year field on the columns.

You need to add the countries on the rows of the matrix.

Which Row Group option should you select when you add the group?

- A. Adjacent Below
- B. Child Group
- C. Parent Group
- D. Adjacent Above

Answer: A

NEW QUESTION 157

You are managing a SQL Server Reporting Services (SSRS) instance in native mode. A system role named Developer Support is present on the server.

Members of the Developer Support role cannot modify the report execution timeout period. You need to enable members of the Developer Support role to modify the report execution timeout period.

Which task should you add to the Developer Support role?

- A. Manage report server properties
- B. Manage shared schedules
- C. Execute report definitions
- D. Manage jobs

Answer: A

NEW QUESTION 160

DRAG DROP

You are using Multidimensional Expressions (MDX) to query a SQL Server Analysis Services (SSAS) cube. You need to compute the aggregate value of the 10 most-ordered produces in the Product Categories hierarchy. The Product level is the lowest in the hierarchy. Which functions should you use to complete the MDX query? (To answer, drag the appropriate functions from the list of functions to the correct locations in the answer area.)

LEAVES

TOPSUM

MEMBERS

TOPCOUNT

AGGREGATE

DESCENDANT

```
WITH MEMBER [Measures].[SumOfTop10products]
AS (
    (
        ([Product].[Product Categories], , 
        ,10
        , [Measures].[Order Quantity])
        , [Measures].[Order Quantity])
    )
SELECT
    {[Measures].[Order Quantity], [Measures].[SumOfTop10products]}
ON COLUMNS
, {[Product].[Product Categories].[Category].&[4]
, [Product].[Product Categories].[Subcategory].&[31]}
ON ROWS
FROM [Orders]
```

Answer:

Explanation: Note:

- * Example (order of TopCount and Aggregate): WITH SET [Top25Customers] as TopCount([Customers].[All Customers].Children, 25.0, [Measures].[Sales]) MEMBER [Customers].[All Customers].[Rest of Customers] as Aggregate(Except([Customers].[All Customers].Children,[Top25Customers])) SELECT NON EMPTY {CROSSJOIN([Markets].[All Markets].Children,{[Measures].[Sales]})} ON COLUMNS, Union([Top25Customers],[[Customers].[All Customers].[Rest of Customers]]) ON ROWS from [SteelWheelsSales]
- * TopCount: Sorts a set in descending order and returns the specified number of elements with the highest values.
- * Aggregate: Returns a number that is calculated by aggregating over the cells returned by the set expression. If a numeric expression is not provided, this function aggregates each measure within the current query context by using the default aggregation operator that is specified for each measure. If a numeric expression is provided, this function first evaluates, and then sums, the numeric expression for each cell in the specified set.
- * Example: One can extract the leaf members of a parent child hierarchy by asking the descendants of the root member with the following expression: Descendants([Organization].[Organizations].&[1], , LEAVES)
- * Incorrect: / Not TopSUM: Returns, in order of decreasing rank, the top-most rows of a table whose cumulative total is at least a specified value.

NEW QUESTION 165

HOTSPOT

You are designing a SQL Server Analysis Services (SSAS) cube that contains two measure groups named Sales History and Current Sales. The Sales History measure group has the following characteristics:

- ? Data changes on a monthly basis.
- ? The measure group contains a very high data volume.
- ? Queries that use the measure group only reference aggregate data.
- ? The measure group includes SUM, MIN, MAX, and COUNT aggregate functions.

The Current Sales measure group has the following characteristics:

- ? Data changes frequently.
- ? The measure group contains a low data volume.
- ? Queries that use the measure group often reference non-aggregate data.
- ? The measure group includes SUM, MIN, MAX, and COUNT aggregate functions.

You need to select a storage mode for each measure group. The solution must meet the following requirements:

- ? For the Sales History measure group, query performance must be optimized over data latency.
- ? For the Current Sales measure group, data latency must be optimized over query performance.

What should you do? To answer, select the appropriate storage mode for each measure group in the answer area.

Answer Area

Sales History	Current Sales
<div></div>	<div></div>

Answer Area

Sales History	Current Sales
<div>▼</div> <ul style="list-style-type: none"> Real-time ROLAP Real-time HOLAP Low-latency MOLAP Medium-latency MOLAP Automatic MOLAP Scheduled MOLAP MOLAP 	<div>▼</div> <ul style="list-style-type: none"> Real-time ROLAP Real-time HOLAP Low-latency MOLAP Medium-latency MOLAP Automatic MOLAP Scheduled MOLAP MOLAP

Answer:

Explanation: **Answer Area**

Sales History	Current Sales
<div>▼</div> <ul style="list-style-type: none"> Real-time ROLAP Real-time HOLAP Low-latency MOLAP Medium-latency MOLAP Automatic MOLAP Scheduled MOLAP MOLAP 	<div>▼</div> <ul style="list-style-type: none"> Real-time ROLAP Real-time HOLAP Low-latency MOLAP Medium-latency MOLAP Automatic MOLAP Scheduled MOLAP MOLAP

NEW QUESTION 170

DRAG DROP

You manage a SQL Server Reporting Services (SSRS) instance in native mode. You are building a shared dataset for your weekly performance reports. The shared dataset uses a data source that is configured to use credentials that are stored in the Report Server.

You have a predefined shared schedule to perform cleanup and maintenance tasks for SSRS.

You need to enable caching on the shared dataset. You also need to use an existing shared schedule to discard the cache.

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.)

Open SharePoint Central Administration and then click the shared dataset.

Select the Caching page and then click the **Cache shared dataset** checkbox.

Open Report Manager and then click the shared dataset.

Select the **Expire the cache on the following schedule** option and then select the **Shared Schedule** option.

From the combo box, select the shared schedule and then click **Apply**.

Answer:

Explanation: Box 1: Open Report Manager and then click the shared dataset.

We should use Report Manager (not SharePoint Central Administration).

Box 2: Select the Caching page and then click the Cache shared dataset checkbox. We set up caching.

Box 3: Select the Expire the cache on the following schedule option and then select the Shared Schedule option.

We configure caching further.

Box 4: From the combo box, select the shared schedule and then click Apply. Finally we define scheduling.

Note on caching:

To open the Caching properties page for a shared dataset

? Open Report Manager, and locate the report for which you want to configure shared dataset properties.

? Point to the shared dataset, and click the drop-down arrow.

? In the drop-down list, click Manage. The General properties page for the report opens.

? Click the Caching tab. Options include:

Cache shared dataset (Box 2 above)

Places a temporary copy of the data in a cache when a user first opens a report that uses this shared dataset. Subsequent users who run the report within the caching period receive the cached copy of the data. Caching usually improves performance because the data is returned from the cache instead of running the dataset query again.

Expire the cache on the following schedule (box 3 above)

Schedule the time when the cached data is no longer valid and is removed from the cache. The schedule can be a shared schedule or one that is specific for only the current shared dataset.

NEW QUESTION 175

You are troubleshooting query performance for a SQL Server Analysis Services (SSAS) cube.
A user reports that a Multidimensional Expressions (MDX) query is very slow.
You need to identify the MDX query statement in a trace by using SQL Server Profiler.
Which event class should you use?

- A. Get Data From Aggregation
- B. Query Subcube
- C. Query Begin
- D. Progress Report Begin
- E. Calculate Non Empty Begin
- F. Execute MDX Script Begin

Answer: C

NEW QUESTION 180

You create a materialized reference dimension between a dimension named Regions and a measure group named Orders.
You use a table named Customers as a bridge as shown in the exhibit. (Click the Exhibit button.)

Dimensions	Measure Groups	
	Sales	Orders
Sales	Sales Order Number	Sales Order Number
Time (Due Date)	Date	Date
Customers	Reseller Key	Reseller Key
Sales People	Employee Key	Employee Key
Regions	Customers	Customers

You need to ensure that data is updated to reflect any changes in the relationship. The solution must NOT require that the entire cube be reprocessed.
What should you reprocess?

- A. The Sales partition
- B. The Regions dimension
- C. The Customers dimension
- D. The Orders partition

Answer: C

NEW QUESTION 181

You work in the Business Intelligence (BI) department of a multinational company.
The company has requested a new corporate BI solution that meets the following requirements:

- The solution must use SQL Server Analysis Services (SSAS).
- The model must incrementally add 10 million fact rows per month.
- The model must be translated to English, French, or Spanish based on users' locale.
- The model must be able to contain the most recent 36 months of data.

You need to select the appropriate model type and partitioning strategy to meet the requirements.
What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create a tabular model with one partition for all of the data.
- B. Create a multidimensional model with one partition for each month.
- C. Create a multidimensional model with one partition for all of the data.
- D. Create a tabular model with one partition for each month.

Answer: B

NEW QUESTION 186

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) multidimensional project. The project file includes two cubes named Finance and Operations. The project also includes a dimension named Date. The Date dimension includes two hierarchies named Fiscal and Calendar. The Date dimension has been added to both cubes.

You need to disable the Fiscal hierarchy in the Operations cube without impacting other database objects.

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.)

- Open the **Date** dimension in the dimension designer.
- Delete the **Fiscal** hierarchy from the **Operations** cube.
- Open the **Operations** cube in the cube designer.
- In the Properties window, set the **Enabled** property to **False**.
- In the Dimensions pane of the Cube Structure tab, select the **Fiscal** hierarchy of the **Date** dimension.
- In the Properties window, set the **Visible** property to **False**.
- In the Properties window, set the **AttributeHierarchyEnabled** property to **False**.
- In the Hierarchies pane of the dimension structure tab, select the **Fiscal** hierarchy.

Answer:

Explanation: Box 1:

Open the **Operations** cube in the cube designer.

Box 2:

In the Dimensions pane of the Cube Structure tab, select the **Fiscal** hierarchy of the **Date** dimension.

Box 3:

In the Properties window, set the **AttributeHierarchyEnabled** property to **False**.

Note:

* The value of the AttributeHierarchyEnabled property determines whether an attribute hierarchy is created. If this property is set toFalse, the attribute hierarchy is not created and the attribute cannot be used as a level in a user hierarchy; the attribute hierarchy exists as a member property only. However, a disabled attribute hierarchy can still be used to order the members of another attribute. If the value of the AttributeHierarchyEnabled property is set toTrue, the value of the AttributeHierarchyVisible property determines whether the attribute hierarchy is visible independent of its use in a user-defined hierarchy.

* To set the attribute hierarchy properties in the Employee dimension

Etc.

? Switch to Dimension Designer for the Employee dimension, and then click the Browser tab.

? Verify that the following attribute hierarchies appear in the Hierarchy list:

? Switch to the Dimension Structure tab, and then select the following attributes in the Attributes pane, by using the CTRL key to select multiple attributes at the same time:

? In the Properties window, set the value of the AttributeHierarchyEnabled property to False for the selected attributes.

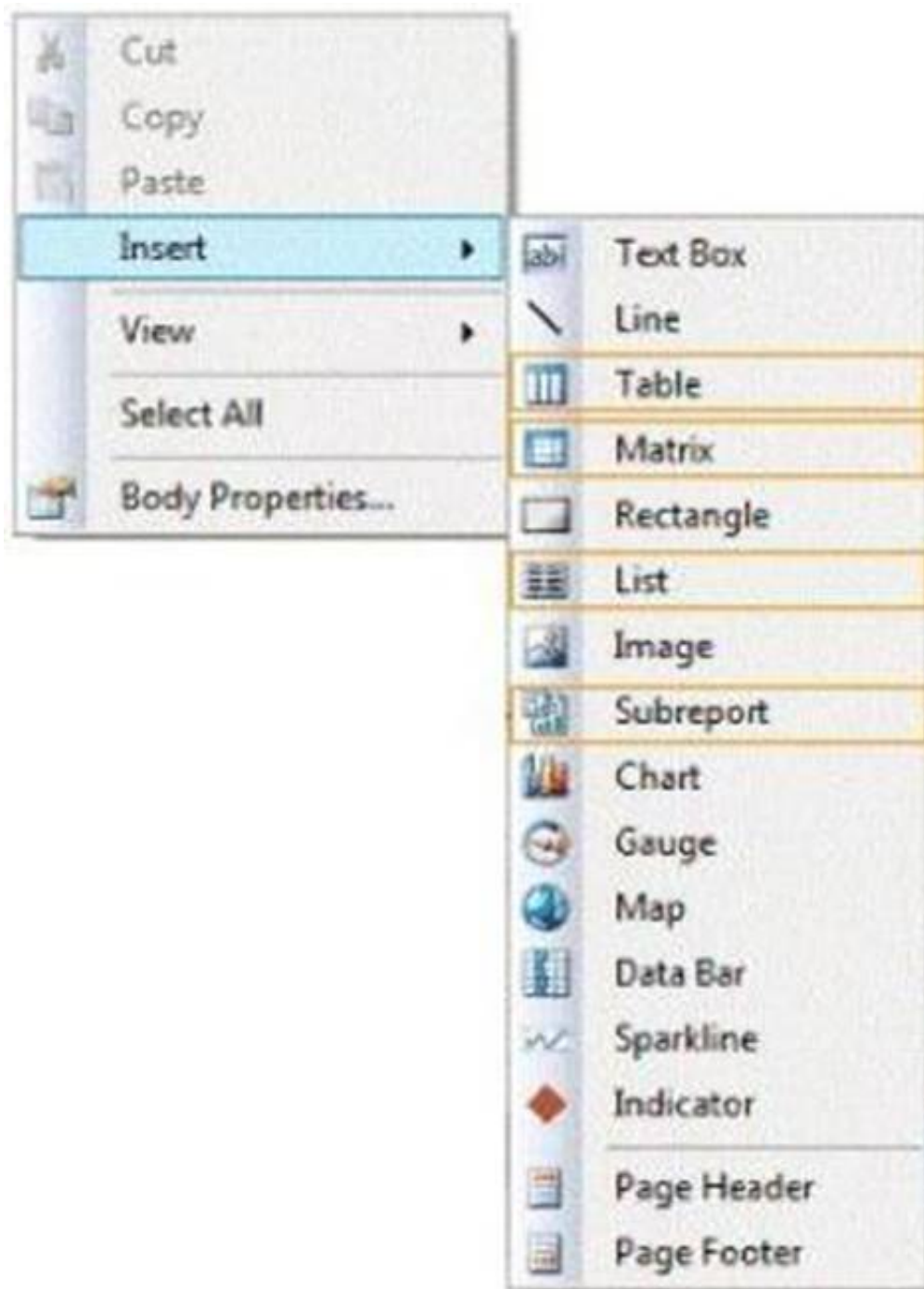
NEW QUESTION 187

HOTSPOT

You are designing a SQL Server Reporting Services (SSRS) report that sources data from a SQL Azure database.

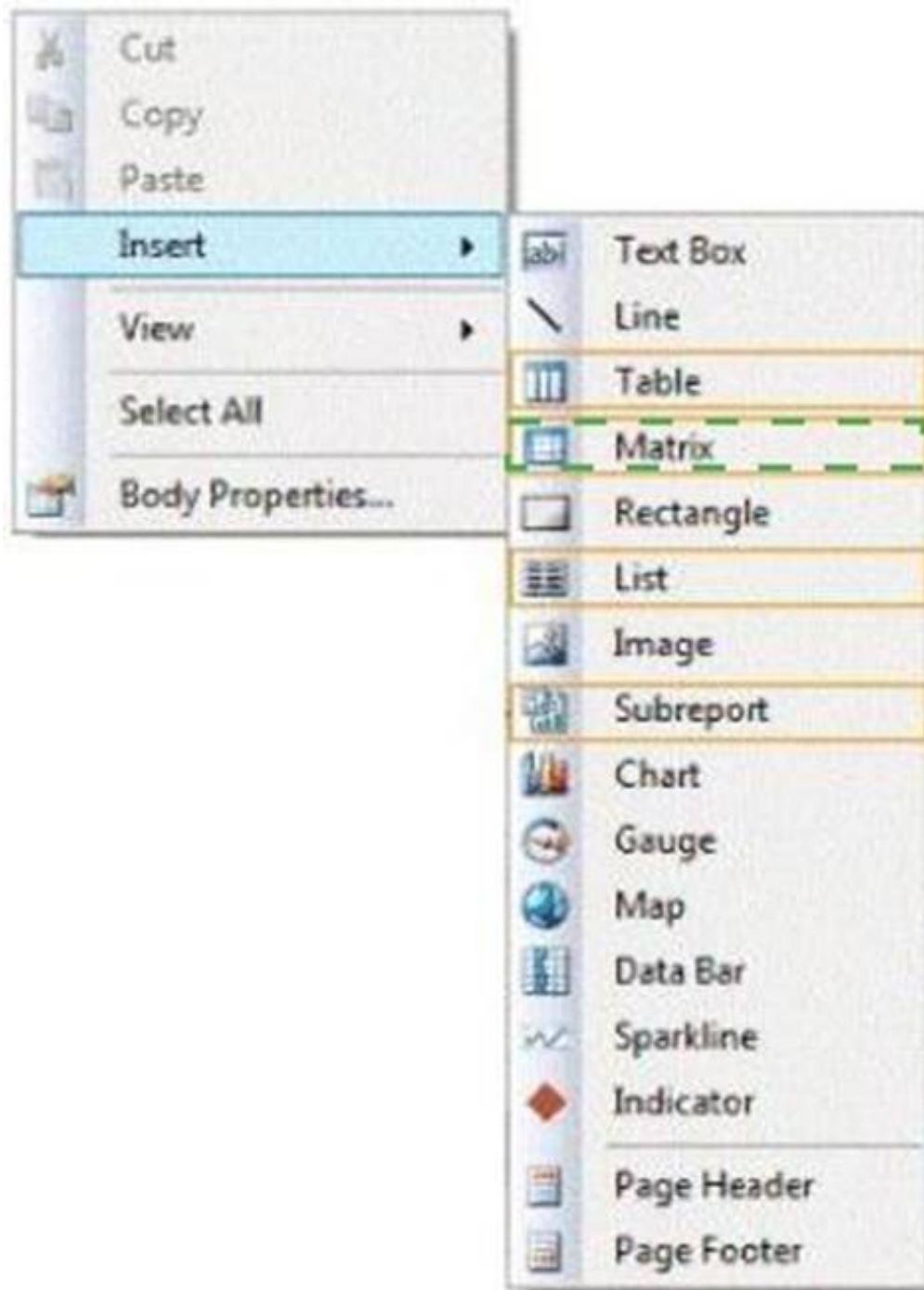
You need to design the report to show the sum of sales. The sales must be grouped by region on the rows and year on the columns.

Which report item should you add? To answer, select the appropriate setting in the answer area.



Answer:

Explanation:



NEW QUESTION 191

HOTSPOT

You are developing a SQL Server Analysis Services (SSAS) cube.

You are writing the following Multidimensional Expressions (MDX) statement for use by a calculated measure. The measure computes the sales amount for the same time period of the previous year. (Line numbers are included for reference only.)

```
01 CREATE MEMBER CURRENTCUBE.Measures.SamePeriodPreviousYearSales AS
02 (Measures.[Sales Amount],
03 _____ (
04 [Date Order].[Calendar].[Calendar Year],
05 1,
06 [Date Order].[Calendar].CurrentMember)),
07 FORMAT_STRING = "#,#.00";
```

You need to complete the MDX statement.

Which MDX function should you use in line 03? To answer, select the appropriate MDX function in the functions list.



Answer:

Explanation:



NEW QUESTION 192

You are developing a SQL Server Analysis Services (SSAS) tabular project.

In the data warehouse, a table named Sales Persons and Territories defines a relationship between a salesperson's name, logon ID, and assigned sales territory. You need to ensure that each salesperson has access to data from only the sales territory assigned to that salesperson. You need to use the least amount of development effort to achieve this goal.

What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create a new role named Sales Persons with Read permission.
- B. Add each salesperson's logon as a member to the role.
- C. Add the Sales Persons and Territories table to the model, define the relationships, and then implement dynamic security by using row filter.
- D. Grant each salesperson access to the model.
- E. Create a new Active Directory Domain Services (AD DS) security group and add each salesperson as a member.
- F. Then create a new role named Sales Persons with Read permission.
- G. Add the group as a member to the new role.
- H. Create a separate tabular model for each sales territory and assign each tabular model a corresponding sales territory name.
- I. Grant each salesperson access to the corresponding tabular model of the assigned sales territory.

Answer: B

NEW QUESTION 196

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) multidimensional project that is configured to source data from a SQL Azure database.

You plan to use multiple servers to process different partitions simultaneously. You create and configure a new data source.

You need to create a new partition and configure SQL Server Analysis Services (SSAS) to use a remote server to process data contained within the partition.

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.)

Open the cube for editing, select the **Partitions** tab, and then click **New Partition**.

Click **Enable Proactive caching** and then select the **HOLAP** storage mode.

Select the table and then specify the query for the new partition.

Create a linked server for the remote processing location.

Click **Storage Settings** and then click **Options** to open the Storage Options dialog box.

On the Processing and Storage Locations step, ensure that the processing location is set to the Remote Analysis Services data source.

Answer:

Explanation: Box 1:

Create a linked server for the remote processing location.

Box 2:

Open the cube for editing, select the **Partitions** tab, and then click **New Partition**.

Box 3:

On the Processing and Storage Locations step, ensure that the processing location is set to the Remote Analysis Services data source.

Note:

* You create a remote partition using the Partition Wizard. On the Specify Processing and Storage Options page, for the Remote Analysis Services data source, specify the dedicated database on the remote instance of Analysis Services. This instance of Analysis Services is called the remote server of the remote partition. For Storage location, you can specify the default data location for the remote server or a specified folder on the server.

You must create an Analysis Services database on the remote server and provide appropriate security settings. An additional OLAP data source is created on the remote database pointing to the server on which the partition is defined. The MasterDataSourceID property setting on the remote database points to the data

source which, in turn, points to the master server. This property is only set on a database that contains remote partitions. The RemoteDataSourceID property setting on the remote partition specifies the ID of the OLAP data source on the master server that points to the remote server. A remote database can only host remote partitions for a single server.

* Before you create a remote partition, the following conditions must be met:

? uk.co.certification.simulator.questionpool.PList@10972fa0

? uk.co.certification.simulator.questionpool.PList@10973110

? uk.co.certification.simulator.questionpool.PList@109731e0

The domain user account for the local instance of Analysis Services must have administrative access to the remote database.

NEW QUESTION 197

You are adding dimensions and a new measure group named Accounts Receivable to an existing SQL Server Analysis Services (SSAS) cube.

Date is one of the existing dimensions in the SSAS database. The underlying fact table for the measure group is associated with multiple dates, including InvoiceDate, DueDate and PaymentDate.

You need to ensure that users can slice the Accounts Receivable measures by InvoiceDate, DueDate, and PaymentDate. You also need to ensure that the time required to process the database is minimized.

What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create three new perspectives named InvoiceDate, DueDate, and PaymentDate.
- B. Create three independent dimensions named InvoiceDate, DueDate and PaymentDate and then link all three of them to the Accounts Receivable measure group.
- C. Create cube dimensions named InvoiceDate, DueDate, and PaymentDate by using the existing Date dimension in the database.
- D. Add three attributes named InvoiceDate, DueDate, and PaymentDate to the existing Date dimension in the database.

Answer: C

NEW QUESTION 199

You are developing a Microsoft SQL Analysis Services (SSAS) multidimensional project

A fact table named FactHouseSales has a measure column named Area. All values in the column are stored in square feet. Users must be able to analyze the area in different units.

You create a table named AreaUnit. Each row in the table consists of the unit name and a square feet conversion factor value.

You need to implement the area conversion in the project. What should you do?

- A. Use role playing dimensions.
- B. Use the Business Intelligence Wizard to define dimension intelligence.
- C. Add a measure that uses the Count aggregate function to an existing measure group.
- D. Add a measure that uses the DistinctCount aggregate function to an existing measure group.
- E. Add a measure that uses the LastNonEmpty aggregate functio
- F. Use a regular relationship between the time dimension and the measure group.
- G. Add a measure group that has one measure that uses the DistinctCount aggregate function.
- H. Add a calculated measure based on an expression that counts members filtered by the Exists and NonEmpty functions.
- I. Add a hidden measure that uses the Sum aggregate functio
- J. Add a calculated measure aggregating the measure along the time dimension.
- K. Create several dimension
- L. Add each dimension to the cube.
- M. Create a dimensio
- N. Then add a cube dimension and link it several times to the measure group.
- O. Create a dimensio
- P. Create regular relationships between the cube dimension and the measure grou
- Q. Configure the relationships to use different dimension attributes.
- R. Create a dimension with one attribute hierarch
- S. Set the IsAggregatable property to False and then set the DefaultMember property
- T. Use a regular relationship between the dimension and measure group.
- U. Create a dimension with one attribute hierarch
- V. Set the IsAggregatable property to False and then set the DefaultMember property
- W. Use a many-to-many relationship to link the dimension to the measure group.
- X. Create a dimension with one attribute hierarch
- Y. Set the ValueColumn property, set the IsAggregatable property to False, and then set the DefaultMember property
- Z. Configure the cube dimension so that it does not have a relationship with the measure grou
- BA. Add a calculated measure that uses the MemberValue attribute property.
- BB. Create a new named calculation in the data source view to calculate a rolling su
- BC. Add a measure that uses the Max aggregate function based on the named calculation.

Answer: N

NEW QUESTION 200

You manage a SQL Server Reporting Services (SSRS) instance. The ReportingServicesService.exe.config file has been modified to enable logging.

Some users report that they cannot access the server.

You need to ascertain the IP addresses of the client computers that are accessing the server.

What should you do?

- A. View the ExecutionLog view in the Report Server database.
- B. View the Report Server service trace log.
- C. View the Report Server HTTP log.
- D. View the Windows System event log.

Answer: C

NEW QUESTION 201

You are developing a SQL Server Analysis Services (SSAS) tabular database.
To maximize performance, the queries must be resolved by using cache unless otherwise specified in the connection string.
You need to configure the appropriate query mode. Which query mode should you select?

- A. In-Memory with DirectQuery
- B. DirectQuery with In-Memory
- C. In-Memory
- D. DirectQuery

Answer: A

NEW QUESTION 203

DRAG DROP

You are making changes to a cube named Sales.
You must increase the value of the measure named Sales Amount by 10%. The increase must be applied only to the children of the member named East in the dimension named Customer.
You need to complete the Multidimensional Expressions (MDX) statement in the calculations section of the Sales cube.
Which statement fragments should you use? (To answer, drag the appropriate statement component to the correct location or locations in the answer area. Use only components that apply.)

CASE		([Customer].[Region].[East].MEMBERS
END		, [Measures].[Sales Amount]);
END IF		= [Measures].[Sales Amount] * 1.10;
END SCOPE		;
IF		
[NewAmount]		
SCOPE		
THIS		

Answer:

Explanation: Note:

SCOPE THIS END SCOPE

* SCOPE Statement (MDX)

Limits the scope of specified Multidimensional Expressions (MDX) statements to a specified subcube.

* Example: cope

```
(
[Date].[Fiscal Year].[2002], [Date].[Fiscal].[Month].Members
);
```

This = [Date].[Fiscal].CurrentMember.Parent / 3 ; End Scope;

NEW QUESTION 204

You are developing a SQL Server Analysis Services (SSAS) tabular project.
You need to grant the minimum permissions necessary to enable users to query data in a tabular model.
Which role permission should you use?

- A. Explorer
- B. Select
- C. Process
- D. Browser
- E. Read Definition
- F. Read

Answer: F

NEW QUESTION 205

You are developing a SQL Server Analysis Services (SSAS) tabular project. The model includes a table named Sales. The Sales table includes a single date column.

The Sales table must meet the following requirements:

? Queries must be able to return all rows.

? Must be able to support four different processing schedules for different date ranges.

? Date ranges must not include any overlapping data.

You need to implement a solution that meets the requirements. What should you do?

- A. Create four partitions for the Sales tabl
- B. Create four role
- C. Use the same row filter queries for each role and partition.
- D. Convert the Sales table into four smaller tables by using row filter querie
- E. Use one perspective for all four tables.
- F. Create four partitions for the Sales tabl
- G. Use row filter queries for each partition.
- H. Convert the Sales table into four smaller tables by using row filter querie
- I. Use one perspective for each of the four tables.

Answer: C

NEW QUESTION 208

You are adding dimensions and a new measure group named Service Quality to an existing SQL Server Analysis Services (SSAS) cube.

Date is one of the existing dimensions in the SSAS database. The underlying fact table for the measure group is associated with multiple dates, including FirstServiceDate, SecondServiceDate, and ThirdServiceDate.

You need to ensure that users can slice the Service Quality measures by FirstServiceDate, SecondServiceDate, and ThirdServiceDate. You also need to ensure that the time required to process the database is minimized.

What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create cube dimensions named FirstServiceDate, SecondServiceDate, and ThirdServiceDate by using the existing date dimension in the database.
- B. Create three independent dimensions named FirstServiceDate, SecondServiceDate, and ThirdServiceDate and then link all three of them to the Service Quality measure group.
- C. Create three new perspectives named FirstServiceDat
- D. SecondServiceDate, and ThirdServiceDate.
- E. Add three attributes named FirstServiceDate, SecondServiceDate, and ThirdServiceDate to the existing date dimension in the database.

Answer: A

NEW QUESTION 209

You are developing a SQL Server Analysis Services (SSAS) tabular project.

The model includes a table named DimEmployee. The table contains employee details, including the sales territory for each employee. The table also defines a column named EmployeeAlias which contains the Active Directory Domain Services (AD DS) domain and logon name for each employee. You create a role named Employees.

You need to configure the Employees roles so that users can query only sales orders for their respective sales territory.

What should you do?

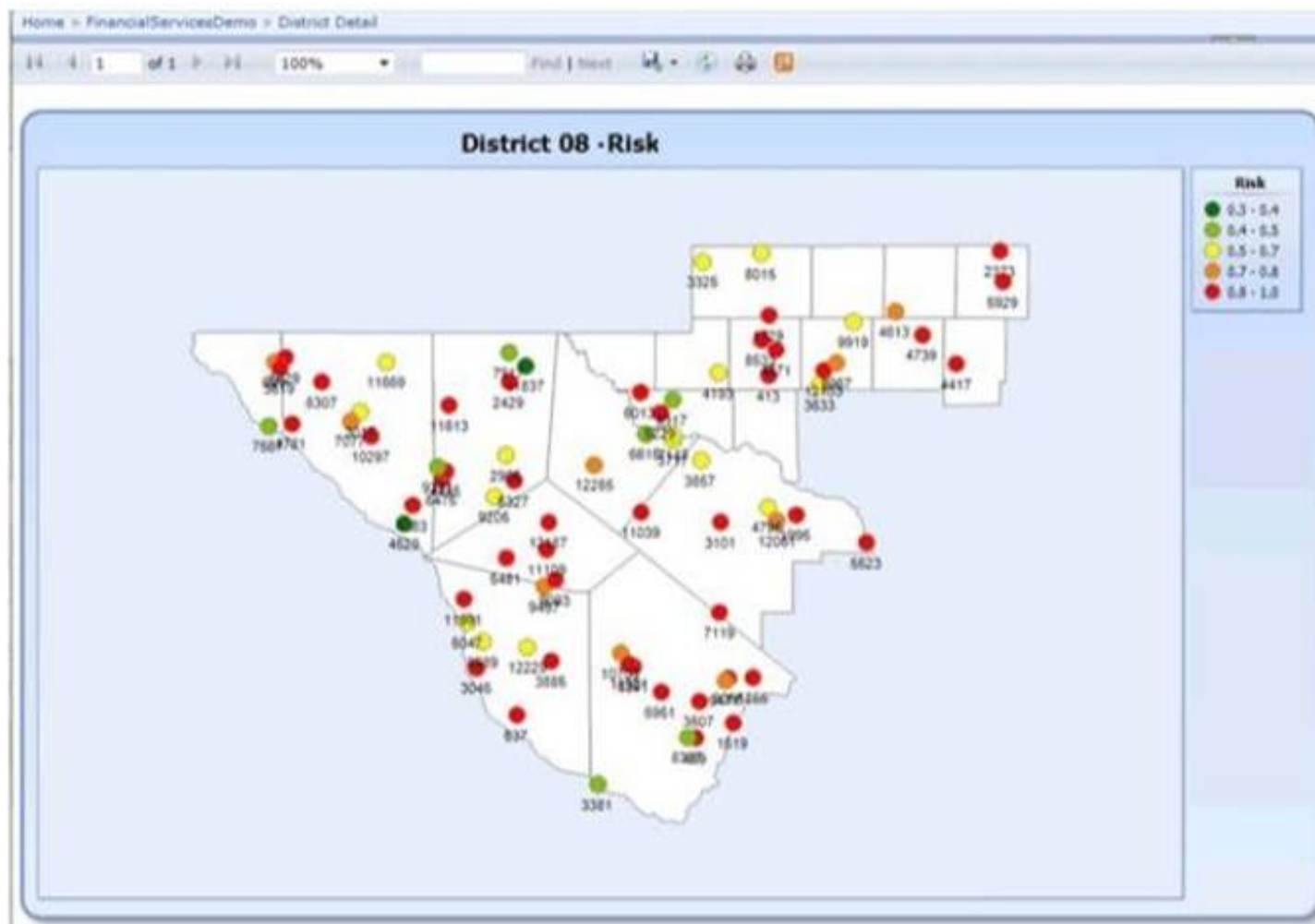
- A. Add a row filter that implements the LOOKUPVALUE and USERNAME functions.
- B. Add a row filter that implements only the CUSTOMDATA function.
- C. Add a row filter that implements the LOOKUPVALUE and CUSTOMDATA functions.
- D. Add a row filter that implements only the USERNAME function.

Answer: A

NEW QUESTION 213

You are designing a SQL Server Reporting Services (SSRS) report for a bank. The bank has Automated Teller Machines (ATMs) in several regions. ATM operational data is stored in a Microsoft Azure SQL Database database.

The report must use a map to display the location and status of the ATMs as shown in the following exhibit. (Click the Exhibit button.)



You need to ensure that the report displays only a user selected map region. Which source of spatial data should you use for the map?

- A. SQL Server spatial query
- B. Map gallery
- C. ESRI shape file
- D. Bing Maps layer

Answer: A

NEW QUESTION 218

You are developing a BI Semantic Model (BISM) based on a simple and small dataset sourced from SQL Server. The data size and complexity of the data relationships will not change. The model will be used to produce reports in Power View.

You need to use an appropriate project type.

Which project types should you use? (Each answer presents a complete solution. Choose all that apply.)

- A. A tabular project that uses the In-Memory query mode
- B. A tabular project that uses the DirectQuery query mode
- C. A multidimensional project that uses the MOLAP storage mode
- D. A PowerPivot workbook that is deployed to Microsoft SharePoint Server 2010
- E. A multidimensional project that uses the ROLAP storage mode

Answer: ABD

Explanation: Power View is a thin web client that launches right in the browser from a data model in SharePoint Server 2010. The model can be a PowerPivot model workbook or a tabular model running on a SQL Server 2012 Analysis Services (SSAS) server.

NEW QUESTION 220

You are modifying a SQL Server Analysis Services (SSAS) cube that aggregates order data from a Microsoft Azure SQL Database database. The existing database contains a customer dimension.

The marketing team has requested that customer marketing categories be added to the database.

The marketing categories must meet the following requirements:

- ? A customer member must be able to belong to multiple category members.
- ? A category member must be able to group several customer members.
- ? The marketing team must be able to create new categories every month in the data source.

You need to implement the appropriate solution to meet the requirements while ensuring that the amount of development and maintenance time is minimized.

What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create a dimension named Marketing Category Name and then configure a many-to-many relationship.
- B. Create a dimension named Marketing Category Name and then configure a regular relationship.
- C. Add an attribute hierarchy named Marketing Category Name to the customer dimension.
- D. Add an attribute hierarchy for each marketing category to the customer dimension.
- E. Configure each hierarchy to have two members named Yes and No.

Answer: A

NEW QUESTION 223

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