Microsoft

Exam Questions 70-466
Implementing Data Models and Reports with Microsoft SQL Server 2012
NEW QUESTION 1
- (Topic 2)
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 2
- (Topic 2)
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 3
- (Topic 2)
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 4
- (Topic 3)
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 5
HOTSPOT - (Topic 4)
You are developing a SQL Server Analysis Services (SSAS) cube. Revenue must be compared to a goal and described by a status and a trend. Revenue, goal, status, and trend will be defined by Multidimensional Expressions (MDX) expressions. You need to add the Revenue measure. Which tab should you select? (To answer, select the appropriate tab in the answer area.)

Answer: A

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 6
- (Topic 4)
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 7
- (Topic 4)
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.

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

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 Category 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 8
DRAG DROP - (Topic 4)
You are planning the installation of PowerPivot for SharePoint.
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.)

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 9
- (Topic 4)
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 10
- (Topic 4)
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 11
- (Topic 4)
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 function
H. Add a calculated measure aggregating the measure along the time dimension.
I. Create several dimension
NEW QUESTION 12
HOTSPOT - (Topic 4)
You have a database named DB1. DB1 contains three tables named FactSales, DimCustomer, and DimEmployee. A sample from DimEmployee is shown in the following table.

<table>
<thead>
<tr>
<th>EmployeeID</th>
<th>Name</th>
<th>Title</th>
<th>Managers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kim Avercrombie</td>
<td>CEO</td>
<td>Not applicable</td>
</tr>
<tr>
<td>20</td>
<td>Brad Sutton</td>
<td>Sales Manager</td>
<td>1</td>
</tr>
<tr>
<td>31</td>
<td>Don Funk</td>
<td>Sales Supervisor</td>
<td>20</td>
</tr>
<tr>
<td>123</td>
<td>Diane Margheim</td>
<td>Sales Associate</td>
<td>31</td>
</tr>
</tbody>
</table>

A sample from DimCustomer is shown in the following table.

<table>
<thead>
<tr>
<th>CustomerID</th>
<th>Name</th>
<th>City</th>
<th>State</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Contoso, Ltd.</td>
<td>Miami</td>
<td>FL</td>
<td>United States</td>
</tr>
<tr>
<td>2</td>
<td>Adventure Works</td>
<td>Montreal</td>
<td>QC</td>
<td>Canada</td>
</tr>
<tr>
<td>3</td>
<td>Woodgrove Bank</td>
<td>London</td>
<td></td>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

A sample from FactSales is shown in the following table.

<table>
<thead>
<tr>
<th>ID</th>
<th>Customer</th>
<th>Employee</th>
<th>Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>1</td>
<td>20</td>
<td>1/1/2012</td>
<td>2345.67</td>
</tr>
<tr>
<td>27</td>
<td>2</td>
<td>123</td>
<td>1/1/2012</td>
<td>23254.45</td>
</tr>
<tr>
<td>34</td>
<td>3</td>
<td>31</td>
<td>1/2/2012</td>
<td>43543.56</td>
</tr>
</tbody>
</table>

You create a cube named Sales that uses the three tables. FactSales is used as a fact table, DimCustomer is used to create a dimension named Customer, and DimEmployee is used to create a dimension named Employee.

Users report the following issues:
- When browsing the Customer dimension, the users see a blank member in the state hierarchy under United Kingdom.
- When browsing the Employee dimension, the sales data for Sales Managers and Sales Supervisors is NOT displayed.

You need to resolve the issues by configuring the properties of the dimension attributes. What should you do? To answer, select the appropriate value for each property in the answer area.

**Answer Area**
- **HideMemberIf property for State:** [Select an option]
- **HideMemberIf property for City:** [Select an option]
- **MembersWithData property for EmployeeID:** [Select an option]
NEW QUESTION 13

- (Topic 4)
You are conducting a design review of a multidimensional project.
In the Customer Geography dimension, all non-key attributes relate directly to the key attribute.
The underlying data of the Customer Geography dimension supports relationships between attributes.
You need to increase query and dimension processing performance.
What should you do?

A. For the dimension attributes of the Customer Geography dimension, define appropriate attribute relationships.
B. For the dimension attributes of the Customer Geography dimension, set the GroupingBehavior property to EncourageGrouping.
C. For the Customer Geography dimension, set the Processing Mode property to LazyAggregations.
D. For the Customer Geography dimension, set the ProcessingPriority property to 1.

Answer: A

NEW QUESTION 14

- (Topic 4)
You are planning to develop a SQL Server Analysis Services (SSAS) tabular project. The project will be deployed to a SSAS server that has 16 GB of RAM.
The project will source data from a SQL Server database that contains a fact table named Sales. The fact table has more than 60 billion rows of data.
You need to select an appropriate design to maximize query performance.
Which data access strategy should you use? (More than one answer choice may achieve the goal. Select the BEST answer.)

A. Configure the database to use DirectQuery mod
B. Create a clustered index which includes all of the foreign key columns of the fact table.
C. Configure the database to use In-Memory mod
D. Create a clustered index which includes all of the foreign key columns of the fact table.
E. Configure the database to use In-Memory mod
F. Create a columnstore index on all the columns of the fact table.
G. Configure the database to use DirectQuery mod
H. Create a columnstore index on all the columns of the fact table.

Answer: D

NEW QUESTION 15
DRAG DROP - (Topic 4)
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.)

A. Mastered
B. Not Mastered

Answer: A

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.
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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 16
- (Topic 4)
You are developing a SQL Server Analysis Services (SSAS) cube for the sales department at your company.
The sales department requires the following set of metrics:
- Unique count of customers
- Unique count of products sold
- Sum of sales
You need to ensure that the cube meets the requirements while optimizing query response time.
What should you do? (Each answer presents a complete solution. Choose all that apply.)

A. Place the measures in a single measure group.
B. Place the distinct count measures in separate measure groups.
C. Use the additive measure group functions.
D. Use the semiadditive measure group functions.
E. Use the Count and Sum measure aggregation functions.
F. Use the Distinct Count and Sum measure aggregation functions.

Answer: BF

NEW QUESTION 17
HOTSPOT - (Topic 4)
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 use 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

Answer Area

Answer: A

Explanation:

Answer Area
NEW QUESTION 18
- (Topic 4)
You are developing a SQL Server Analysis Services (SSAS) cube.
You must create a four-level hierarchy for the employee dimension. Each level must be associated with an attribute in the employee dimension table. Two thirds of the dimension data contain values for all four attributes. The remainder of the dimension data contains values for the first three of the four attributes only.
You need to create the hierarchy so that logically missing members will not be shown by the reporting tool.
Which type of hierarchy should you create?
A. A parent-child hierarchy
B. A sparse hierarchy
C. A ragged hierarchy
D. A balanced hierarchy
Answer: C

NEW QUESTION 19
- (Topic 4)
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 20
- (Topic 4)
You are developing a new SQL Server Reporting Services (SSRS) report in SQL Server Data Tools (SSDT).
The report must define a report parameter to prompt the user for the business unit. Each business unit has a unique color scheme combination of foreground and background colors.
You need to ensure that all of the text boxes in the table headers use the correct business unit colors.
What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)
A. Add one report variable for Colo
B. Assign it with an expression to return the appropriate color
C. For each header text box, set the Color and BackgroundColor properties by using the variable.
D. Add two report variables named Color and BackgroundColo
E. Assign them with expressions to return the appropriate color
F. For each header text box, use expressions to set the Color and BackgroundColor properties by using the variables.
G. For each header text box, assign expressions to the Color and BackgroundColor properties.
H. Add two Microsoft Visual C# functions to the code block of the report to implement Color and BackgroundColor function
I. For each header text box, use expressions to set the Color and BackgroundColor properties by using the functions.
Answer: D

NEW QUESTION 21
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