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QUESTION 1

Refer to the exhibit.

CustomerID	SalespersonID	TransactionAmount	Month
1	1	10.00	Jan
1	1	15.00	Jan
2	1	17.00	Feb

An organization stores sales data in SQL Server. A database administrator creates a view to show the transaction data. The data architect must:

Create a data model that shows the total sales for each salesperson by month

Create an indicator that shows whether the total monthly sales meet or exceed the monthly quota, which is always \$1,200

Which script should the data architect use to meet these requirements?

A.

```
Sales:
LOAD *,
    IF (Sum(TransactionAmount) >= 1200, 'Yes', 'No') as QuotaMet;
LOAD SalespersonID,
    "Month",
    TransactionAmount;
SQL SELECT SalespersonID, TransactionAmount, "Month" FROM Quality.dbo.vwTransactionData;
```

B.

```
Sales:
LOAD CustomerID,
    SalespersonID,
    TransactionAmount,
    "Month";
SQL SELECT CustomerID, SalespersonID, TransactionAmount, "Month" FROM
Quality.dbo.vwTransactionData;
MonthlySales:
LOAD *,
    IF (MonthlySales >= 1200, 'Yes', 'No') as QuotaMet;
LOAD SalespersonID,
    Month,
    Sum(TransactionAmount) as MonthlySales
Resident Sales
Group by SalespersonID, Month;
```

C.

```
MonthlySales:
LOAD *,
    IF (Sum(TransactionAmount) >= 1200, 'Yes', 'No') as QuotaMet;
LOAD SalespersonID,
    "Month",
    TransactionAmount;
SQL SELECT SalespersonID, TransactionAmount, "Month" FROM Quality.dbo.vwTransactionData
Group by (SalespersonID, Month);
```

A. B. C.

```
MonthlySales:
LOAD *,
    IF (Sum(TransactionAmount, Over(SalespersonID, Month)) >= 1200, 'Yes', 'No') as
QuotaMet;
LOAD SalespersonID,
    "Month",
    TransactionAmount;
SQL SELECT SalespersonID, TransactionAmount, "Month" FROM Quality.dbo.vwTransactionData;
```

D.

Correct Answer: B

QUESTION 2

Sales managers need to see an overview of historical performance and highlight the current year's metrics.

App requirements:

Display the current year's total sales

Total sales displayed must respond to the user's selections

Which variables should a data architect create to meet these requirements?

- A.

```
LET vCurrentYear = Year(Today());  
SUM({<Year={$(vCurrentYear)}>}[Sales Amount])
```


Create the variable, vCurrentYear, in the data load editor. Then create a master item, currentYTDSales, in the assets panel.
- B.

```
LET vCurrentYear = Year(Today());  
LET vCurrentYTDSales = '=SUM({<Year={$(vCurrentYear)}>}[Sales Amount])';
```


Create the variables, vCurrentYear and vCurrentYTDSales, in the data load editor.
- C.

```
SET vCurrentYear = Year(Today());  
LET vCurrentYTDSales = '=SUM({<Year={$(vCurrentYear)}>}[Sales Amount])';
```


Create the variables, vCurrentYear and vCurrentYTDSales, in the data load editor.
- D.

```
SET vCurrentYear = Year(Today());  
SUM({<Year={$(vCurrentYear)}>}[Sales Amount])
```

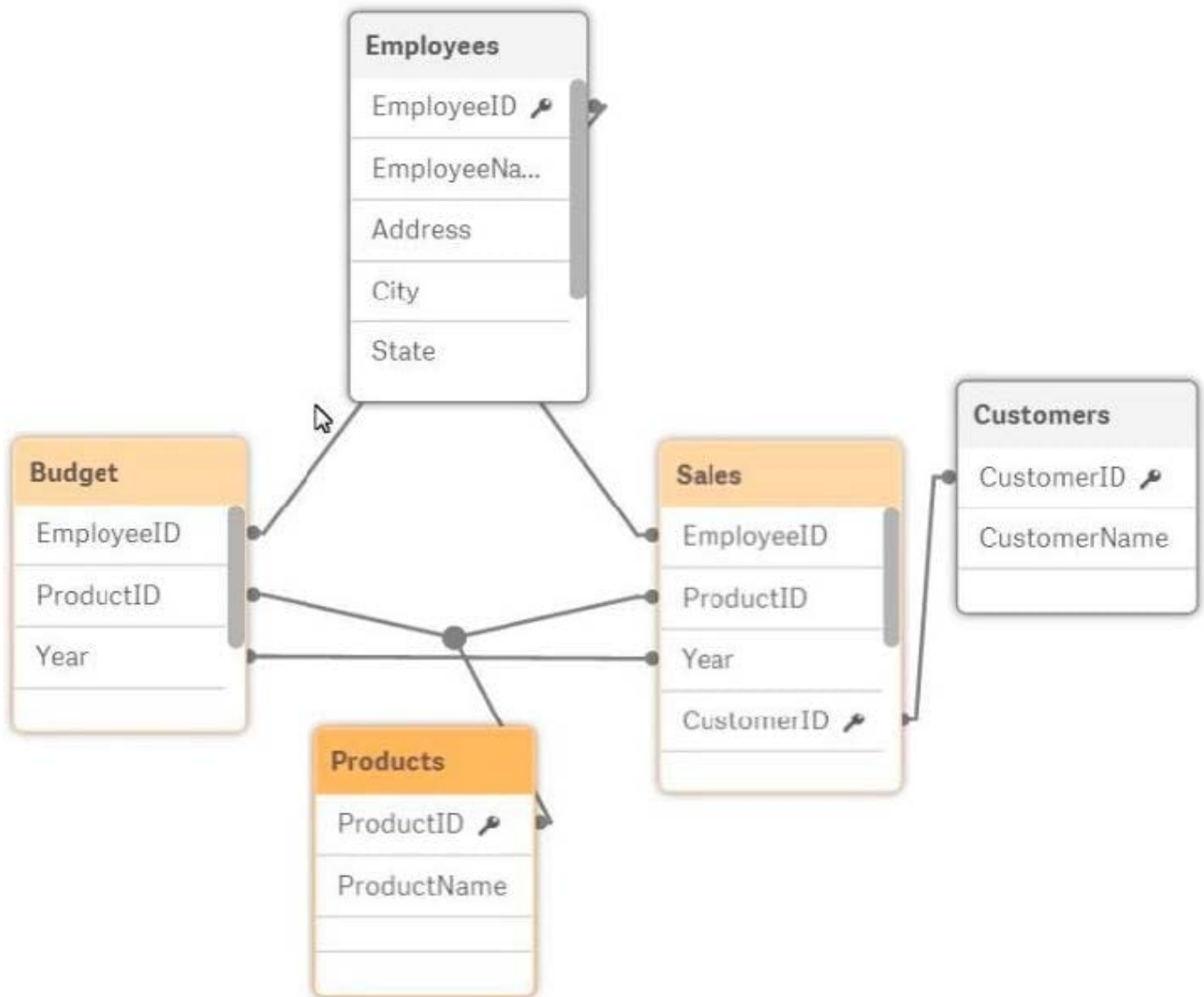

Create the variable, vCurrentYear, in the data load editor. Then create a master item, currentYTDSales, in the assets panel.

A. B. C. D.

Correct Answer: A

QUESTION 3

Refer to the exhibit.



A data architect is reviewing an app that is under development. The app has NOT been published. All data has been validated in all charts and KPIs. The data architect notices that the data model has two fact tables with common field names that cause a synthetic join.

Which step should the data architect take to correct the data model without affecting the app?

- A. Concatenate LOAD the data from the Sales and Budget tables to combine into a single table.
- B. Create a composite key in the Sales and Budget tables that consists of the Year, EmployeeID, and ProductID
- C. Perform a composite key in the Sales and Budget tables instead of loading Year, EmployeeID, and ProductID
- D. Perform a mapping load for the Employees table and use ApplyMap in the Sales and Budget tables.

Correct Answer: D

QUESTION 4

Refer to the exhibit.

DataKey	Field1	Field2	Field3
2F1E7FC0-81FD-1XDA-9156-00036D0F876A	12345678-888b-cCCCC-0000-123456789012	30dd879c-ee2f-11db-8314-0800200c9a66	
2F1E7FC0-81FD-1XDA-9156-00036D0F945A		30dd879c-ee2f-11db-8314-0800200c9a67	DD345678-ABCD-ABCD-0000-DDDDAAAA9013
2F1E7FC0-81FD-1XDA-9156-00036D0E120A	12345678-888b-cCCCC-0000-123452342345	30dd879c-ee2f-11db-8314-0800200c9a68	
2F1E7FC0-81FD-1XDA-9156-00036D0E230A	12345678-888b-cCCCC-0000-123456789012		DD345678-ABCD-ABCD-0000-DDDDAAAA9015
2F1E7FC0-81FD-1XDA-9156-00036D0E320A		30dd879c-ee2f-11db-8314-0800200c9a70	DD345678-ABCD-ABCD-0000-DDDDAAAA9016
2F1E7FC0-81FD-1XDA-9156-00036D0E430A	12345678-888b-cCCCC-0000-123452342345	30dd879c-ee2f-11db-8314-0800200c9a71	
2F1E7FC0-81FD-1XDA-9156-00036D0E540A	12345678-888b-cCCCC-0000-123456789012		DD345678-ABCD-ABCD-0000-DDDDAAAA9018

A global company recently released an app that uses much more memory than similar apps have used. When reviewing data in the data manager, the data architect observes that several fields use Globally Unique Identifiers (GUIDs).

There is one key field. other fields are used to different KPIs to count the number records. The data architect must reduce the memory used as much as possible.

Which steps should a data architect take to meet these requirements?

- A. 1. Use the AutoNumber function to convert the linking GUIDs to numbers
- 2. Replace the non-key GUID fields with a flag, and use them to get a unique count for KPIs
- B. 1. Replace the non-key field GUIDs with RowNo() to maintain a field that can be used to get a unique count
- 2. Split the linking GUID fields into five sections using the SubField function to reduce the uniqueness.
- C. 1. Use the AutoNumber function to convert the linking GUIDs to numbers
- 2. Use Indexing for non-key GUID fields to create an Index field and use to get a unique count for KPIs
- D. 1. Use the IterNo() function to convert the linking GUIDs to numbers
- 2. Replace the non-linking GUID fields with RowNo() to create an Index field and use to get a unique count for KPI

Correct Answer: D

QUESTION 5

Two companies have merged and full database integration is planned for next year. The data architect needs an interim solution to view all employee data from both companies.

The tables come from different systems

Both companies have similar Employees tables

Both tables have identifiers for Employee and some other attributes (e.g., geographical information)

The tables also have some fields that do NOT match (e.g., Social Security Number and Bank Account)

Which problem occurs when the two tables are loaded into Qlik Sense?

- A. Link tables are created
- B. Synthetic keys are created

- C. An auto concatenation occurs
- D. A circular reference occurs

Correct Answer: B

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