QSDA2018 Q&As

Qlik Sense Data Architect Certification Exam

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QUESTION 1

Refer to the exhibit.

OrderID	OrderDate	CustomerI	EmployeeID	Sales
10251	3/3/2016	CST1	EMP7	21.36
10251	3/3/2016	CST1	EMP7	332.64
10251	3/3/2016	CST1	EMP7	185.2
10277	11/5/2016	CST1	EMP7	889.6
10277	11/5/2016	CST1	EMP7	360.96
10289	11/21/2015	CST1	EMP8	616.2
10289	11/21/2015	CST1	EMP8	320.4
10290	11/23/2016	CST1	EMP7	131.4
10290	11/23/2016	CST1	EMP7	1890.45
10290	11/23/2016	CST1	EMP7	294.9
10290	11/23/2016	CST1	EMP7	134.9
10338	1/21/2014	CST1	EMP8	524.8
10338	1/21/2014	CST1	EMP8	381
10349	2/3/2016	CST1	EMP7	820.32
10463	2/28/2017	CST1	EMP8	203.07

A data architect needs to build a dashboard that displays the aggregated sales for each sales representative. All aggregations on the data must be performed in the script.

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

A.

```
Data:
LOAD
    [OrderID],
    [OrderDate],
    [CustomerID],
    [EmployeeID],
    [Sales]
 FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Sales);

Emp:
LOAD
    EmployeeID,
    EmployeeName
FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Emp);


Summary:
LOAD
    EmployeeName,
    sum([Sales]) as TotalSales
 Resident Data Group by (EmployeeName) ;
```

B.

```
Data:
LOAD
    [OrderID],
    [OrderDate],
    [CustomerID],
    [EmployeeID],
    [Sales]
 FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Sales);

Left Join (Data)
LOAD
    EmployeeID,
    EmployeeName
FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Emp);


Summary:
LOAD
    EmployeeName,
    sum([Sales]) as TotalSales
 FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Sales);
```

A. B.

C.

```
Data:
LOAD
    [OrderID],
    [OrderDate],
    [CustomerID],
    [EmployeeID],
    [Sales]
 FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Sales);

Left join (Data)
LOAD
    EmployeeID,
    EmployeeName
FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Emp);


Summary:
LOAD
    EmployeeName,
    sum([Sales]) as TotalSales
 Resident Emp Group by (EmployeeName) ;
```

D.

```
Data:
LOAD
    [OrderID],
    [OrderDate],
    [CustomerID],
    [EmployeeID],
    [Sales]
 FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Sales);

Left join (Data)
LOAD
    EmployeeID,
    EmployeeName
FROM [lib://Certification Exam/Sample Daa.xlsx]
(ooxml, embedded labels, table is Emp);


Summary:
LOAD
    EmployeeName,
    sum([Sales]) as TotalSales
 Resident Data Group by (EmployeeName) ;
```

C. D.

Correct Answer: D

QUESTION 2

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 3

A data architect is working on a time and expense app for an organization that has Sales, Marketing, and Finance departments/ Department managers should only be able to view the data for their department\\'s team members.

Where should the data architect apply this security restriction?

A. Data load editor

B. Qlik Management Console

C. Expression editor

D. Data manager

Correct Answer: A

QUESTION 4

Refer to the exhibit.

A major healthcare organization requests a new app with the following requirements:

Users can filter AdmissionDate and DischargeDate by all fields in the master Calendar table

Use an existing QVD file, which includes dates 20 years into the future

Users should not be able to filter on dates that have no associated encounters

Which approach should the data architect take to meet these requirements?

A. 1. Load the Encounters table

2.

Perform a Left Join Load on the Encounters table to the master calendar and alias the date fields appropriately for the Admission Date

3.

Perform a Left Join Load on the Encounters table to the master calendar and alias the date fields appropriately for the Discharge Date

B. 1. Load the master calendar

2.

Create two mapping tables called AdmissionCalendar and DischargeCalendar from the Resident master calendar that has all fields appropriately named

3.

Load the Encounters and use ApplyMap for the AdmissionDate and DischangeDate appropriately.

C. 1. Load the Master Calendar and Encounters tables.

2.

Perform a Join Load on the Encounters table to the Resident master calendar and alias the date fields appropriately for the Admission Date

3.

Perform a Join Load on the Encounters table to the Resident master calendar and alias the date fields appropriately for the Discharge Date

D. 1. Load the master calendar as AdmissionCalendar and alias the fields to reflect they are for Admission

2.

Load the master calendar as Discharge Calendar and alias the fields to reflect they are for Discharge

3.

Load the Encounters table

Correct Answer: B

QUESTION 5

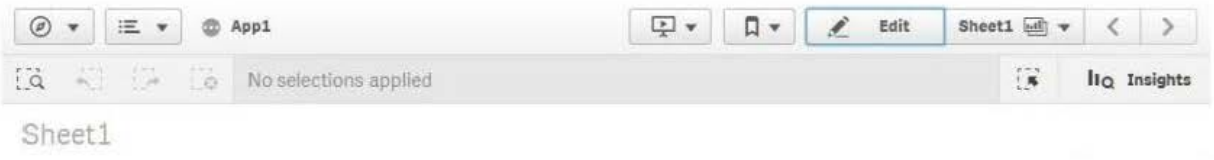
Refer to the exhibits.

Preview

Region	
Rows	14
Fields	4
Keys	0
Tags	$numeric $integer $ascii $text

Preview of data

Region.ID	Region	EmployeeID	Sales
1	North	-	-
2	West	-	-
4	South	-	-
5	-	-	-
1	-	111	100
1	-	222	50
1	-	333	150



Region	Region.ID	Sum(Sales)
Totals		**1425**
North	1	0
South	4	0
West	2	0
-	1	300
-	2	225
-	3	200
-	4	300
-	5	0
-	-	400

Executives need to see the total sales by region for the current year. The data architect inherits App1 from the former employee who tries to address this requirement. Two Microsoft Excel spreadsheets, Region and Employee, are used as the data source. The data architect creates a table and identifies errors in the amount of sales per region.

Which method should the data architect use to resolve the errors?

A. In the data manager, split the region table and associate by EmployeeID

B. In the data manager, concatenate the Region table and associate by Region.ID

C. In the data load editor, concatenate the region and Employee tables

D. In the data manager, split the region table and associate by Region.ID

Correct Answer: D