QSDA2019 Q&As

Qlik Sense Data Architect Certification Exam - June 2019 Release

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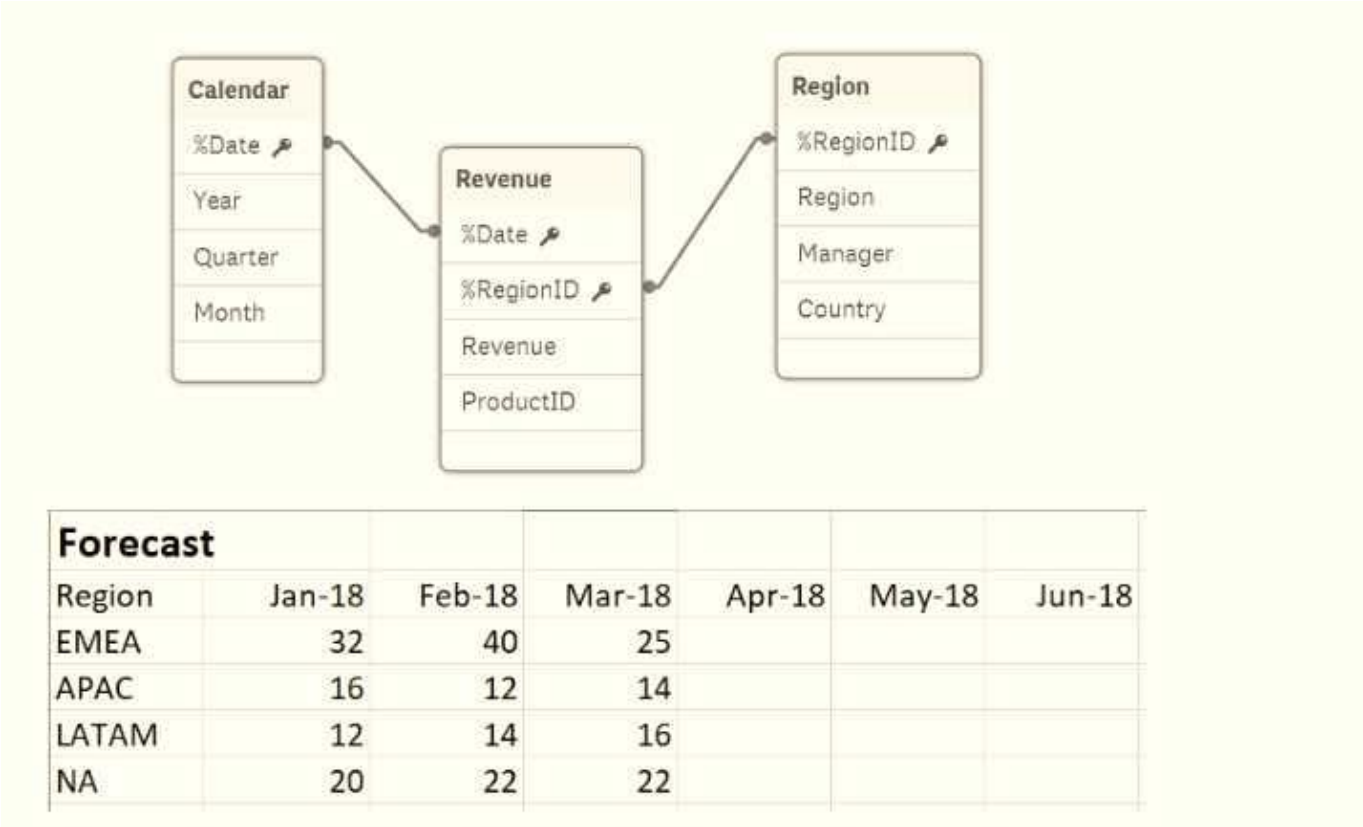
QUESTION 1

Refer to the exhibit.



Forecast

Region	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
EMEA	32	40	25			
APAC	16	12	14			
LATAM	12	14	16			
NA	20	22	22			

A business department is forecasting revenue within an Excel spreadsheet. A data architect needs to include this forecast into the existing data model, and without losing any data.

Which two sets of steps will meet these requirements? (Select two.)

A. 1. Load the Excel spreadsheet using the data load editor

2.

Use the Unpivot function

3.

Use the Sum function to group the forecast by date

4.

Connect to the existing data model

B. 1. Load the Excel spreadsheet using the data load editor

2. Use the Crosstable function to unpivot the table

3 Create a composite key out of the date and region

4 Connect the new table to the data model

C. 1. Load the Excel spreadsheet using the data load editor

2.

Change the sort order by date

3.

Create a composite key out of the forecast and region

4.

Connect to the existing data model

D. 1. Load the Excel spreadsheet into the data manager

2.

Use the Unpivot function

3.

Create a composite key from the date and region

4.

Connect the new table to the data model

E. 1. Load the Excel spreadsheet using the data manager

2.

Rename the ForecastDate field to Date

3.

Disable the Region

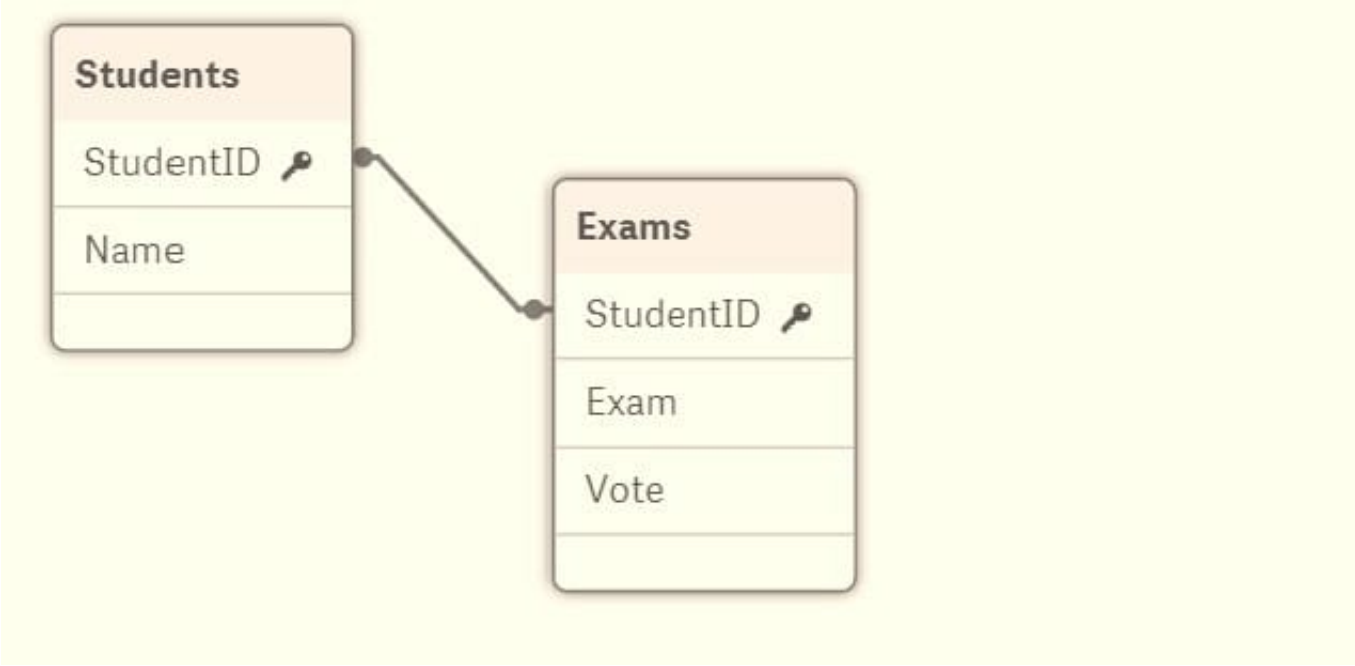
4.

Connect to the existing data model

Correct Answer: D

QUESTION 2

Refer to the exhibit.



A data architect builds a simple data model to show the relationship between students and exams. The data is loaded. Every StudentID in the Exams table should be found in the Students table. Some students have NOT taken an exam.

The data architect selects the field "StudentID" from the Students table and sees the following:

StudentID	
Density	100%
Subset ratio	66.6%
Has duplicates	true
Total distinct values	6
Present distinct values	4
Non-null values	8
Tags	$key $numeric $integer

A data architect needs to fix this anomaly.

What should the data architect do to ensure data integrity?

A. Update the Students table and add 16.7% of the missing records

B. Remove records from the Exams table where StudentID is null

C. Update the Exams table and add 33.4% of the missing records

D. In the LOAD script, add DISTINCT before the Students and Exams tables

Correct Answer: C

QUESTION 3

A table is generated resulting from the following script

```
LOAD *,
Date(OrderTime) as Date;
LOAD * INLINE [
Order, OrderTime
'ABC',2017-03-12 10:20:15
'XYZ',2017-03-12 11:21:15
'DEF',2017-03-12 10:21:35];
```

When the data architect selects a date, some, but NOT all, orders for that date are shown How should the data architect modify the script to show all orders for the selected date? A)

```
LOAD *,
Date#(OrderTime,'YYYY-MM-DD') as Date;
LOAD * INLINE [
Order, OrderTime
'ABC',2017-03-12 10:20:15
'XYZ',2017-03-12 11:21:15
'DEF',2017-03-12 10:21:35];
```

B)

```
LOAD *,
Floor(MakeDate(OrderTime,'YYYY-MM-DD')) as Date;
LOAD * INLINE [
Order, OrderTime
'ABC',2017-03-12 10:20:15
'XYZ',2017-03-12 11:21:15
'DEF',2017-03-12 10:21:35];
```

C)

```
LOAD *,
Date(Floor(OrderTime),'YYYY-MM-DD') as Date;
LOAD * INLINE [
Order, OrderTime
'ABC',2017-03-12 10:20:15
'XYZ',2017-03-12 11:21:15
'DEF',2017-03-12 10:21:35];
```

D)

```
LOAD *,
Date(OrderTime,'YYYY-MM-DD') as Date;
LOAD * INLINE [
Order, OrderTime
'ABC',2017-03-12 10:20:15
'XYZ',2017-03-12 11:21:15
'DEF',2017-03-12 10:21:35];
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 4

A data architect is developing an app that will generate QVDs for multiple business analysts. The field naming conventions on the source data are NOT business friendly. For every table loaded, multiple fields will require a name change. An Excel file is maintained centrally that lists all source data field names and the appropriate names as they should appear in the QVDs

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

A. Use the Rename function and a mapping load

B. Create master items using business-friendly names

C. Use the Alias function and a mapping load

D. Load in the Excel file as a data island and use the Peek function

Correct Answer: A

QUESTION 5

Refer to the exhibit.

OrderID	CustomerID	EmployeeID	ShipperID	FreightWeight	OrderDate
6571	4	16	2	43,48	2017-06-28
6570	79	13	2	29,2	2016-06-29
6569	79	45	2	79,17	2017-07-02
6568	4	33	2	43,41	2016-12-02
6567	79	19	1	23,2	2017-04-03
6566	34	45	2	66,54	2017-07-04
6565	4	13	2	49,18	2016-01-06
6564	34	19	1	43,89	2017-06-06
6563	34	13	2	22,56	2016-07-09
6562	4	32	2	33,98	2016-07-10

The data architect needs to create a KPI that displays the average amount of orders per customer. This aggregated field should be added to the existing orders table.

Which script should the data architect use?

A)

```
Orders:
LOAD
    OrderID,
    CustomerID,
    EmployeeID,
    ShipperID,
    FreightWeight,
    OrderDate
FROM [lib://Data/Orders.xlsx]
(ooxml, embedded labels, table is Sheet1);

Left Join(Orders)

LOAD
    CustomerID,
    Count(OrderID) AS NumberOfOrdersPerCustomer
Resident Orders
Group By CustomerID;
```

B)

```
Orders:
LOAD
    OrderID,
    CustomerID,
    EmployeeID,
    ShipperID,
    FreightWeight,
    OrderDate
FROM [lib://Data/Orders.xlsx]
(ooxml, embedded labels, table is Sheet1);

Left Join(Orders)

LOAD
    CustomerID,
    Count(OrderID) AS NumberOfOrdersPerCustomer
Resident Orders;
```

C)

```
Orders:
LOAD
   OrderID,
   CustomerID,
   EmployeeID,
   ShipperID,
   FreightWeight,
   OrderDate
FROM [lib://Data/Orders.xlsx]
(ooxml, embedded labels, table is Sheet1);

CustomerOrders:
LOAD
   CustomerID,
   Count(OrderID) AS NumberOfOrdersPerCustomer
Resident Orders
Group By CustomerID;
```

D)

```
Orders:
LOAD
    OrderID,
    CustomerID,
    EmployeeID,
    ShipperID,
    FreightWeight,
    OrderDate
FROM [lib://Data/Orders.xlsx]
(ooxml, embedded labels, table is Sheet1);

CustomerOrders:
LOAD
    CustomerID,
    Count(OrderID) AS NumberOfOrdersPerCustomer
Resident Orders
Group By;
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C