QSDA2019 Q&As

Qlik Sense Data Architect Certification Exam - June 2019 Release

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QUESTION 1

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

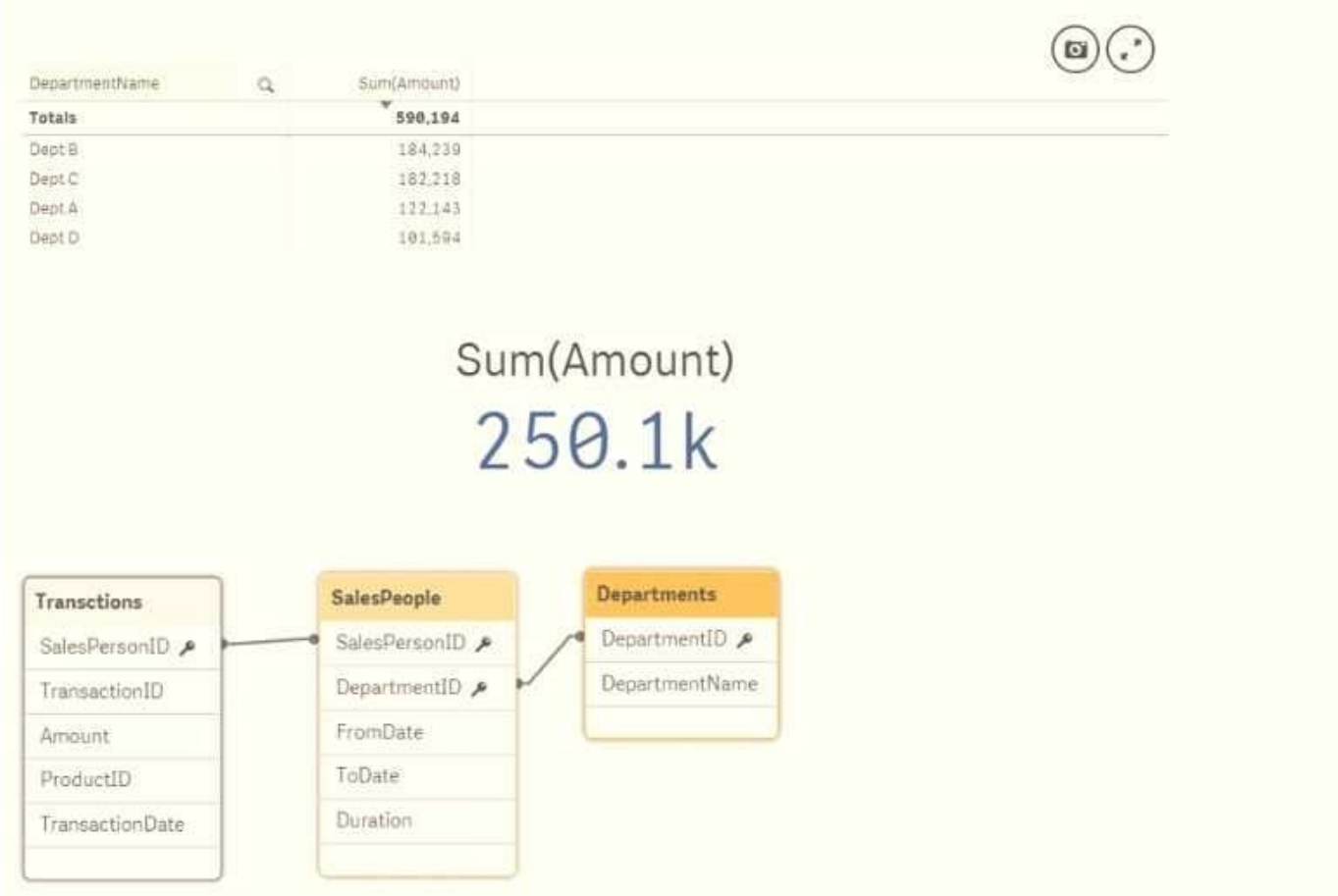
C. Option C

D. Option D

Correct Answer: C

QUESTION 2

Refer to the exhibit.



An app has been built to analyze salesperson performance by department. Salespeople often move between departments. There is a strict business rule which states a salesperson must be associated with ONLY one department at all times.

The data architect creates a summary of department performance and notices the values are incorrect.

The KPI showing the total sales shows the correct result.

How should the data architect modify the data model to correct the issue?

A. Create a bridge table between the Departments and Salespeople tables to resolve the many-to- many relationship

B. Create a bridge table between the Transactions and Salespeople tables to resolve the many-to- many relationship

C. Join the Transactions and Salespeople tables to resolve the many-to-many relationship

D. Join the Departments and Salespeople tables to resolve the many-to-many relationship

Correct Answer: D

QUESTION 3

A customer has a dataset that contains latitude and longitude data for service points around the country. The data is

retrieved using the following statement:

```
Locations:
LOAD LocationName, Lat, Long;
SQL SELECT LocationName, Lat, Long FROM Locations;
```

It must be clear to the end user that this is geographic data.

A. Define Location as a master item, and set the tag to Sgeodata

B. Add GeoProject{\\' Point\\' , LatandLong) AS Point to the preceding load

C. Add GeoKakePoint (Lat, Long} as Point to Location\\'s preceding load

D. Add the following to the end of the script: TAG FIELD LocationName With \\'Sgeodata1, \\'Srelated\\'; TAG FIELD Point With \\'Sgeodata\\', \\'Srelated1;

E. Add the following to the end of the script: TAG FIELD LocationName With \\'Sgeoname\\', @relates_Pt\\'; TAG FIELD Point With \\'Sgeopoint*f \\'Srelates Location\\', \\'$hidden\\';

Correct Answer: D

QUESTION 4

A data architect is loading two tables into a data model from a SQL database. These tables are related on key fields CustomerlD and CustomerKey.

Which scripts should be used to load the data while maintaining the correct associations?

A)

```
OrderDetails:
LOAD OrderKey, AUTONUMBER(CustomerKey) AS CustomerID, LineTotal, ProductKey;
SQL SELECT OrderKey, CustomerKey, AccountNumber, LineTotal, ProductKey FROM OrderDetails;

Customers:
LOAD AUTONUMBER(CustomerID) AS CustomerID, AccountNumber, CustomerName;
SQL SELECT CustomerKey, AccountNumber, CustomerName FROM Customers;
```

B)

```
OrderDetails:
LOAD OrderKey, CustomerKey, LineTotal, ProductKey;
SQL SELECT OrderKey, CustomerKey, AccountNumber, LineTotal, ProductKey FROM OrderDetails;

Customers:
JOIN(OrderDetails)
LOAD CustomerID AS CustomerKey, AccountNumber, CustomerName;
SQL SELECT CustomerKey, AccountNumber, CustomerName FROM Customers;
```

C)

```
ALIAS CustomerKey AS CustomerID;

OrderDetails:
LOAD OrderKey, CustomerKey, LineTotal, ProductKey;
SQL SELECT OrderKey, CustomerKey, AccountNumber, LineTotal, ProductKey FROM OrderDetails;

Customers:
LOAD CustomerID, AccountNumber, CustomerName;
SQL SELECT CustomerKey, AccountNumber, CustomerName FROM Customers;
```

D)

```
OrderDetails:
LOAD OrderKey, CustomerKey, LineTotal, ProductKey;
SQL SELECT OrderKey, CustomerKey, AccountNumber, LineTotal, ProductKey FROM OrderDetails;

Customers:
LOAD CustomerID, AccountNumber, CustomerName;
SQL SELECT CustomerKey, AccountNumber, CustomerName FROM Customers;

RENAME FIELD CustomerID TO CustomerKey;
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 5

Refer to the exhibit.

```
LIB CONNECT TO 'SQL (abc_qservice)';

OrderHeader:
LOAD CustomerID,
    EmployeeID,
    OrderDate,
    OrderID;
SQL SELECT CustomerID,
    EmployeeID,
    OrderDate,
    OrderID
FROM orders;

OrderData:
LOAD
    OrderID,
    OrderSalesAmount
FROM [lib://QVD (abc_qservice)/OrderData.qvd]
(qvd);

OrderDetail:
LOAD LineNo,
    OrderID,
    ProductNumber,
    Price;
SQL SELECT *
FROM orderdetails;
```

An existing app on Qlik Sense Enterprise is duplicated and transferred to a data architect to add some additional data When trying to manually reload the original script, the data architect receives an error What should be done to make sure the script runs correctly?

A. Add the line lib connect to \\'QVD(abc_qservice/orderData.qvd) \\'; before the LOAD for the Order Data table

B. Add the line lib connect to \\' SQL (abc_qs9rvi.es) ` ;before the LOAD for the Order Detail table

C. Give the data architect the Read rights on the data connections in the QMC

D. Make the data architect the owner of the app in the QMC

Correct Answer: A