QSDA2019$^{Q\&As}$

Qlik Sense Data Architect Certification Exam - June 2019 Release

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QUESTION 1

Refer to the exhibit.

```
// **** Set Variables ****
  LET vLoadStart = NOW();
  SET vPathExcel = 'lib://ExcelFiles (abc_user)/';


  // **** Load Employees table ****
  Employees:
  LOAD
      EmpID AS EmployeeID,
      "First Name",
      "Last Name",
      DateOfBirth,
      StartDate,
      EndDate,
      OfficeID,
      JobTitle
  FROM [$(vPathExcel)employees.xlsx]
  (ooxml, embedded labels, table is Employees);

  set vLoadComplete = now();
```

What are the values of the variables vLoadStart and vLoadComplete after the script executes?

A. vLoadStart; \\'NOW{)\\' vLoadComplete: current system date and time when the script ended

B. vLoadStart: system date when the app was opened vLoadComplete \\'now()\\'

C. vLoadStart: system date when the app was opened vLoadComplete: current system date and time when the script ended

D. vLoadStart: current system date and time when the script started vLoadComplete: \\'now()\\'

Correct Answer: B

QUESTION 2

A company generates 1 GB of ticketing data daily. The data is stored in multiple tables Business users need to see trends of tickets processed for the past two years. Users very rarely access the transaction-level data for a specific date. Only the past two years of data must be loaded which is 720 GB of data Which method should a data architect use to meet these requirements?

A. Load only two years of data in an aggregated app and create a separate transaction app for occasional use

B. Load only two years of data and use best practices in scripting and visualization to calculate and display aggregated data

C. Load only aggregated data for two years and use Direct Discovery for transaction data

D. Load only aggregated data for two years and use ODAG for transaction data

Correct Answer: D

QUESTION 3

A data architect creates a collection of large QVD files that propagate data into their apps This solution works well. However, a new app that uses a subset of the data in a QVD takes much longer than expected to reload The LOAD statement is

```
CustomerExperience:
LOAD *
FROM [lib://QVDRepo/CustomerSatisfaction.qvd](qvd)
WHERE Region = 'North Africa' OR Region = 'Western Europe' OR Region = 'Southern Europe';
```

Which two changes should be made to improve load performance? (Select two) A)

```
Change the following in the QVD load
CustomerExperience:
INNER JOIN(Temp)
LOAD CustomerID, Product, AccountStatus,
MayContact, SatisfactionScore
FROM [lib://QVDRepo/CustomerSatisfaction.qvd](qvd);
```

B)

```
Replace the WHERE clause with the following:
WHERE IN (LOAD Region RESIDENT Temp);
```

C)

```
Add the following before the QVD load:
Temp:
LOAD * INLINE [
Region
North Africa
Southern Europe
Western Europe
];
```

D)

```
Add the following before the QVD load:
Temp:
LOAD CustomerID, Region
FROM [lib://QVDRepo/CustomerSatisfaction.qvd](qvd)
WHERE Region = 'North Africa' OR Region = 'Western Europe'
OR Region = 'Southern Europe';
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 4

Users of a published app report incomplete visualizations. The data architect checks the app multiple times

and cannot replicate the error. The error affects only one team.

What is the most likely cause?

A. An Omit field has been applied

B. A security rule has been applied to the sheet object

C. Section access restricts too many records

D. The affected users were NOT added to the Section Access table

Correct Answer: A

QUESTION 5

A data architect needs to load Table_A from an Excel file and sort the data by Field_2. Which script should the data architect use?

A)

```
Temp:

LOAD
        Field_1,
        Field_2,
        Field_3
FROM [lib://Data/Table_A.xlsx]
(ooxml, embedded labels, table is Sheet1);

Table_A:

LOAD *
resident Temp Order by Field_2 asc;

drop Table Temp;
```

B)

```
Table_A:

LOAD *
Order by Field_2 asc;

LOAD
        Field_1,
        Field_2,
        Field_3
FROM [lib://Data/Table_A.xlsx]
(ooxml, embedded labels, table is Sheet1);
```

C)

```
Table_A:

LOAD
        Field_1,
        Field_2,
        Field_3
FROM [lib://Data/Table_A.xlsx]
(ooxml, embedded labels, table is sheet1)
Order by Field_2 asc;
```

D)

```
Temp:

LOAD
        Field_1,
        Field_2,
        Field_3
FROM [lib://Data/Table_A.xlsx]
(ooxml, embedded labels, table is Sheet1);

NoConcatenate

Table_A:

LOAD *
resident Temp Order by Field_2 asc;
drop Table Temp;
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 6

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 $geodata

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 \\'$geodata1, \\'$related\\'; TAG FIELD Point With \\'$geodata\\', \\'$related1;

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

Correct Answer: D

QUESTION 7

A data architect needs to create an app to analyze 30-day re-admissions at a hospital.

-

The medical record system does NOT calculate re-admission data

-

The business rule to follow: if a patient is admitted to a hospital within 30 days after being discharged from a previous hospital stay, that event should be captured in the app with a flag called "30-day Readmission"
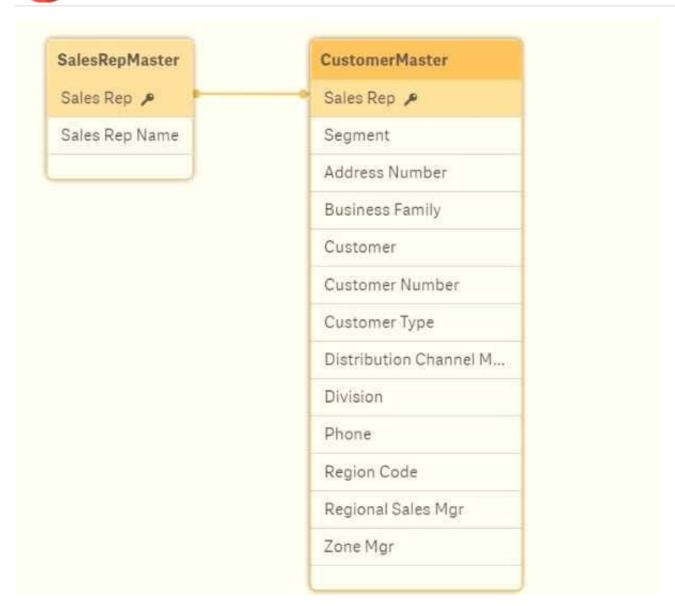
-

Data being used from the patient record includes hospital account ID, patient ID, admission dater and discharge date

Which action should the data architect perform first to meet these requirements?

A. Sequence patient records by hospital account ID and patient ID using the Peek function

B. Sequence patient records by patient ID using the Peek function

C. Calculate the days since previous discharge using admission date and discharge date

D. Order patient records by patient ID and admission date

Correct Answer: A

QUESTION 8

Refer to the exhibit.

SalesRepMaster	CustomerMaster
Sales Rep 🔑	Sales Rep 🔑
Sales Rep Name	Segment
	Address Number
	Business Family
	Customer
	Customer Number
	Customer Type
	Distribution Channel M...
	Division
	Phone
	Region Code
	Regional Sales Mgr
	Zone Mgr

▼ Preview

Add as dimension

Add as measure

Sales Rep

Density	100%
Subset ratio	59.3%
Has duplicates	false
Total distinct values	64
Present distinct values	38
Non-null values	38
Tags	$key $numeric $integer

Refer to the exhibits.

While using an app, the users report that some Sales Reps do NOT have personal details, like Division or

Address Number A data architect has been called in to investigate. The data architect uses the data model

viewer to determine the relationship between the SalesRepMaster and CustomerMaster tables.

What is the cause of the issue?

A. 26 values for Sales Rep are null in CustomerMaster

B. 40.7% of the Sales Rep have CustomerMaster information

C. 59.3% of the Sales Rep have CustomerMaster information

D. Density is 100% while Total Distinct and Present Distinct are NOT the same

Correct Answer: D

QUESTION 9

Refer to the exhibit.

The data architect needs to build a model that contains Sales and Budget data for each customer. Some

customers have Sales without a Budget, and other customers have a Budget with no Sales During loading,

the data architect resolves a synthetic key by creating the composite key For validation, the data architect

creates a table containing Customer, Month. Sales, and Budget columns.

What does the data architect see when selecting a month?

A. All Customers, all Budget and all Sales records

B. Customer and Sales records for that month, but missing values for Budget

C. Customer and Budget records for that month, but missing values for Sales

D. Customer, Sales, and Budget records for that month

Correct Answer: C

QUESTION 10

A company decides to migrate all apps from QlikView to Qlik Sense. After converting an apps: there are several unconverted objects.

What should the data architect do?

A. Save the unconverted objects as extensions and import them into Qlik Sense

B. Remove the set analysis statements from the unconverted objects

C. Re-create the unconverted objects

D. Save the unconverted objects as master items

Correct Answer: A

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