

# DUMPS ARENA

## Qlik Sense Data Architect Certification Exam - February 2021 Release

Qlik QSDA2021

Version Demo

Total Demo Questions: 8

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## QUESTION NO: 1

Refer to the exhibit.



A data architect is working with an app and creates some visualizations to check the data. Some visualizations show issues in the data set.

- \* The Sales by Country table shows a total OrderValue of 18,300 sales while the KPI shows a total OrderValue of 20,600.
- \* The Sales monthly trend bar chart does not work with the Month field.

Which two data issues should the data architect fix in the app? (Select two.)

- A.** The Month field does not exist in the Orders table and needs to be incorporated in the table using the Calendar table.
- B.** In the Orders table, some CustomerID values are null because there are orders with no customer and needs to be incorporated in the table using the Calendar table, null because there are orders with no customer
- C.** In the Orders table, some values in the CustomerID field do not exist in the Customers table.
- D.** The OrderDate field values in the Calendar table do not match with the values in the OrderDate field from the Orders table

**ANSWER: C D**

## QUESTION NO: 2

The Marketing department is using some similar KPIs in different apps that need to be modified frequently according to the business needs. The KPIs are created using master items with the same expression.

Which method should the data architect use to manage the modifications in all apps?

- A. Create a variable repository and load them using INCLUDE statements in the apps where needed
- B. Create a selection app with all the master items and use an on-demand app generation method.
- C. Create a core app with all the master items needed and use a BINARY load in the other apps.
- D. Create only a single app with all the master items needed and protect it with SECTION ACCESS.

**ANSWER: A**

**Explanation:**

This method allows the data architect to store the KPIs in a single repository and then use INCLUDE statements to load them into the other apps. This makes it easy to modify the KPIs in one place and have the changes reflected in all the apps.

[Source: Qlik](#)

A variable repository is a central location where all of the master items used in the apps can be stored and managed. By creating a variable repository and loading the master items into each app using INCLUDE statements, the data architect can make modifications to the master items in one place, and the changes will be automatically propagated to all of the apps that use the master items.

This method allows for easy management of the master items and eliminates the need to make changes to each app individually, which can be time-consuming and prone to errors.

**QUESTION NO: 3**

A data architect is building a model to show trends in visualizations across seven date fields. The seven date fields reside in different tables. The data architect must efficiently build this data model.

Requirements:

- A single date selector
- Show all dates, even those with NO activity
- Minimize the impact on server resources and p

Which two solutions should the data architect use? (Select two.)

- A. Canonical calendar
- B. Generic load
- C. Data island
- D. Multiple calendars
- E. Link table

**ANSWER: A E**

**Explanation:**

A canonical calendar should be used to create a single date selector that can be used to show all dates, even those with no activity. A link table should be used to join the seven date fields from different tables, which will minimize the impact on server resources and performance. [Source: Qlik](#)

**QUESTION NO: 4**

A data architect needs to create an app that combines employee data from the Sales system and the Human Resources (HR) system.

These systems identify employees differently Employees in the HR system are identified with an alpha-numeric key Employees in the Sales system are identified using an integer key.

The Human Resources manager creates a table that maps these keys to another, called Associations.

The resultant data model must meet the following requirements:

- Associations must be valid
- The model must be optimized for performance
- The option must support multiple tables added

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

- A. APPLYMAP ( 'Associations , EmployeeKey ) as Employeekey;
- B. MAPSUBSTRING ( 'Associations' ,Employeekey) As Employeekey;
- C. MAP EmployeeKey USING Associations;
- D. RENAME FIELDS USING Associations;

**ANSWER: C****Explanation:**

The MAP function maps the EmployeeKey in the Sales system to the EmployeeKey in the HR system using the Associations table. This allows the data architect to join the data from the Sales system and the HR system using the same key, ensuring that the associations are valid.

Using the MAP function also optimizes the performance of the data model as it eliminates the need for multiple joins between the data from the Sales and HR systems.

This solution also supports multiple tables added, as the MAP function can be applied to any table that needs to be joined with the HR system data.

**QUESTION NO: 5**

```

1  Products_Map:
2  mapping
3  load * Inline [
4  ID,Name
5  90012, A
6  90017, B
7  ];
8  ProductDetails:
9  Generic
10 Load *, applymap('Products_Map',ProductID,'Undefined') as ProductType;
11 LOAD * INLINE [
12 ProductID, Attribute, Value
13 90017, Color, Red
14 90017, Description, Jumper
15 90017, Category, Women Clothes
16 95012, Color, Yellow
17 95012, Description, Skirt
18 95012, Category, Women Clothes
19 95017, Color, Brown
20 95017, Description, Shoes
21 95017, Category, Men Shoes
22 ];
23 ProductPriceList:
24 Load Product as ProductID, Category, UnitPrice
25 from [lib://DataFiles/PriceList.xlsx] (ooxml, embedded labels);

```

App saved  
Finished with error(s) and/or warning(s)  
0 forced error(s)  
1 synthetic key(s)

Output message after load data

A data architect is creating an app using three tables. After executing the script, a warning displays

Which two steps should the data architect do to resolve this warning? (Select two.)

- A. Remove the rename statement (line 24) in the ProductPriceList table leaving the Product field name as is.
- B. Rename the Category field in the ProductPriceLis table to PnceCategory (line 24).
- C. Move the preceding Load statement in line 10 between table name (line 23) and Load statement (line 24).
- D. insert "Join (ProductDetails)" in front of the Load statement in line 24 to combine ProductPriceList with ProductDetails

**ANSWER: B**

### QUESTION NO: 6

A data architect needs to develop multiple apps for various departments. More departments are requesting apps over time. The company uses specific requirements for the number interpretation variables (e.g., ThousandSep, DecimalSep) found at the beginning of a LOAD script.

The data architect wants to reduce duplicate scripts but does not want to copy and paste the number interpretation variables each time new app is created. The data architect prefers to use the least amount of script in Qlik Sense.

How should the data architect meet these requirements?

- A. Save the script for the number interpretation variables in a text file and use the CALL function to insert the variables.
- B. Create an Excel file with the number interpretation variables and use a FOR Next loop to load the variables into Qlik Sense
- C. Save the script for the number interpretation variables in a text file and INCLUDE function to insert the variables
- D. Create an Excel file with the number interpretation variables and apply the variables to the app using a mapping table

**ANSWER: C**

**Explanation:**

This method involves saving the script for the number interpretation variables in a separate text file, and then using the INCLUDE function to insert the variables into each new app script that is created. This reduces the need to copy and paste the number interpretation variables each time a new app is created and allows the data architect to use the least amount of script in Qlik Sense.

The INCLUDE function is a script statement that allows you to insert the contents of one script file into another script file. This can be used to insert common scripts, such as the number interpretation variables, into multiple app scripts.

**QUESTION NO: 7**

Multiple department fields in a dataset require a description

A data architect needs to add the department descriptions or a default value when the department does NOT have a description

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

- A. ApplyMap with two parameters after the Mapping load
- B. Left Join between tables and Description.xlsx in every Department table
- C. Enter "Missing description" in the blank rows for Description.xlsx then Mapping Load
- D. ApplyMap with three parameters after the Mapping load

**ANSWER: D**

**Explanation:**

This strategy involves using the ApplyMap function with three parameters after the Mapping load. This will allow the data architect to add the department descriptions or a default value when the department does not have a description. [Source: Qlik](#)

**QUESTION NO: 8**

A data architect needs to revise an existing app.

The number of data rows has grown rapidly recently. While the app is in production, users are becoming increasingly unhappy about the response times when they make selections

Which two methods should be used to improve performance? (Select two.)

- A. Use dynamic script generation with variables
- B. Denormalize the schema
- C. Make sure any UI variables are preceded by '='
- D. Use flags in the data model to simplify set analysis
- E. Create master items for all complex expressions

**ANSWER: A D**