QSDA2022^{Q&As}

Qlik Sense Data Architect Certification-2022

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QUESTION 1

ITALY IT001 HR

GERMANY DE002 HR

SPAIN SP03 FINANCE

FRANCE FRO04 SALES

Refer to the exhibit

A company stores the employee data within a key composed of Country UserID, and Department. These fields are separated by a blank space. The UserID field is composed of two characters that indicate the country followed by a unique code of two or three digits. A data architect wants to retrieve only that unique code.

A. LTRIM (SUBFIELD (Key, \\' \\', 2), 2)

B. MID (SUBFIELD (Key , \\' \\', 2), 3)

C. RIGHT(SUBFIELD (Key,\\' \\', 2), 3)

D. LEFT(SUBFIELD(Key, \\' \\', 2), 2)

Correct Answer: D

Explanation: This expression will extract the unique code from the key by using the SUBFIELD function to separate the key into its components, and then using the LEFT function to extract the first two characters of the second component.Source: Qlik

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QUESTION 2

A data architect plans to build an app that contains geographically diverse data that must be specific to user run-time selections. The source contains transactional data. The app must have minimal impact on already limited server resources.

Which approach should the data architect use?

A. Loop and Reduce

B. QVDs

C. In-memory

D. ODAG

Correct Answer: B

Explanation: Using QVDs is the best approach for this scenario, as it allows the data to be stored in a highly compressed format, which will have minimal impact on server resources. Additionally, QVDs can be loaded quickly, which allows for faster access to the data based on user run-time selections. The other options, Loop and Reduce, In-memory, and ODAG, are not valid strategies for this scenario.

QUESTION 3

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 EmloyeeKey USING Associations;

D. RENAME FIELDS USING Associations;

Correct 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 4

Refer to the exhibits.

Conversion Table:			Master Calendar:
DateTime	Exchange Rate		Date
2019-07-01T23:00:00Z	0.627857		2019-07-23T23:00:00Z
2019-07-23T23:00:00Z	0.682659		2019-09-23T23:00:00Z
2019-06-01T23:00:00Z	1		2019-06-01T23:00:00Z
2019-06-23T23:00:00Z	44.258		
2019-05-01T23:00:00Z	48.12783		
2019-05-23T23:00:00Z	70.4975		
2019-04-01T23:00:00Z	75.7755		
2019-04-23T23:00:00Z	82.389		
2019-03-23T23:00:00Z	120.69		

A business analyst needs to see the currency conversion provided by a third party process, and only contains a record when the rate changes in a chart. The currency conversion rate data is

An existing master calendar exists in the data model that contains a full set of dates.

Which technique should the data architect use to meet this requirement?

A. Utilize INTERVALMATCH to load the currency conversion rate between dates the conversation changed INNER JOIN the resultant table back into the master calendar

B. OUTER JOIN the calendar with the currency conversion table ORDER BY the date and use the PEEK function to fill in blank values

C. Leverage a FOR loop between the start date and end date of the master calendar Use the MATCH function to add the currency conversion rates to the master calendar

D. Use ITERNO and AUTOGENERATE to create a new calendar from max and min dates of the currency conversion table

Correct Answer: B

QUESTION 5

A data architect builds a data model for a large user group. Some sheets will be published, and the app will allow users to create their own visualizations and analyze data. Some fields must NOT appear in any field list. How should a data architect meet these requirements?

A. Use HidePrefix variable

B. Add fields to master items

C. Use security rules

D. Use HideField variable

Correct Answer: C

Explanation: The best way for a data architect to meet the requirements of not allowing some fields to appear in any field list is to use security rules. Security rules can be used to restrict access to certain fields, which will ensure that they don\'t appear in any field list or visualization. Additionally, security rules can also be used to restrict access to certain data models, ensuring that only users with the right permissions can view and analyze the data.

Row-level security (RLS) with Power BI - Power BI | Microsoft Learn https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls What Is Data Visualization? Definition and Examples | Tableau https://www.tableau.com/learn/articles/data-visualization 80+ Top Power BI Interview Questions and Answers [Updated 2023] https://www.edureka.co/blog/interview-questions/power-bi-interview-questions/

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