QSDA2022 Q&As

Qlik Sense Data Architect Certification-2022

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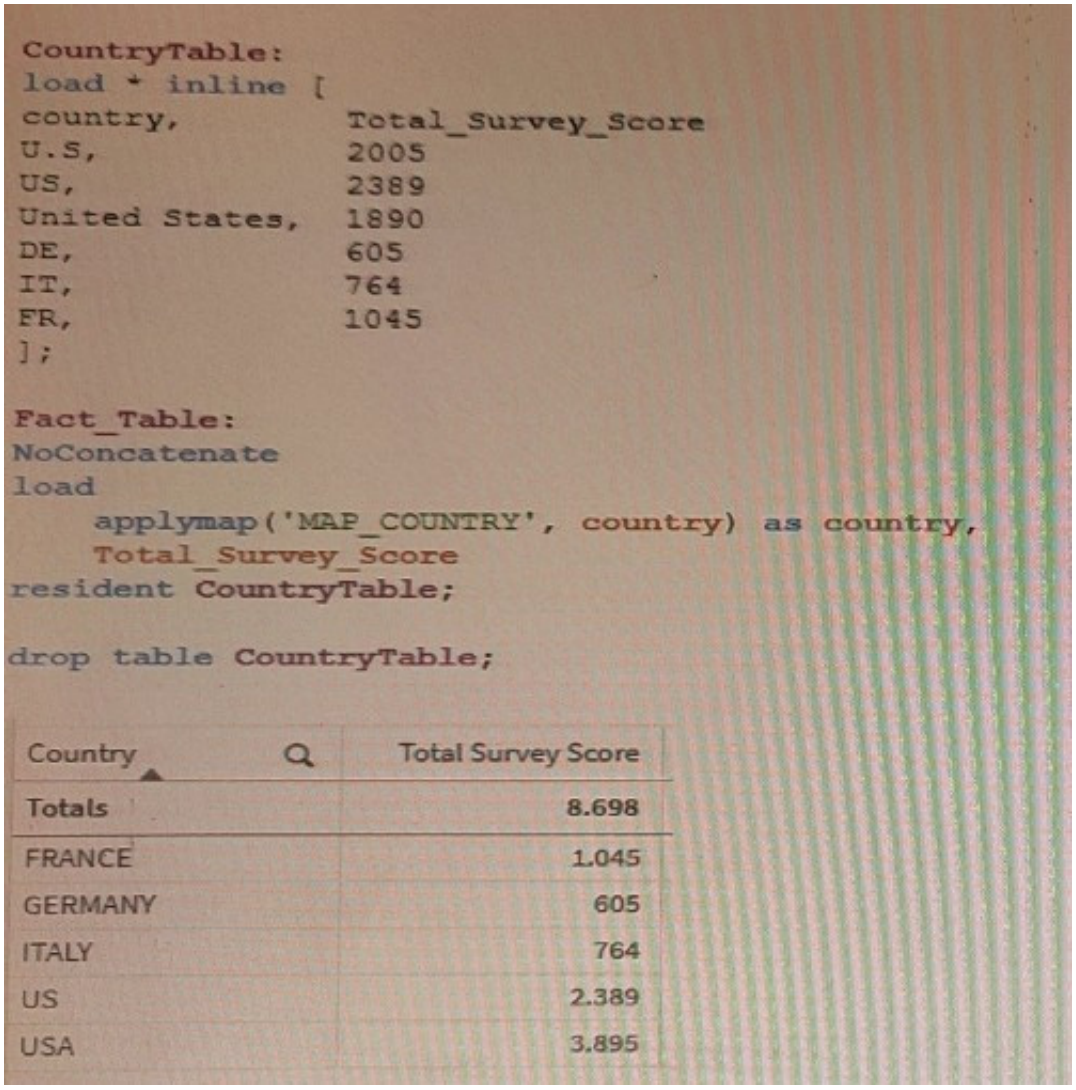
QUESTION 1



```
CountryTable:
load * inline [
country,          Total_Survey_Score
U.S,              2005
US,               2389
United States,    1890
DE,               605
IT,               764
FR,               1045
];

Fact_Table:
NoConcatenate
load
    applymap('MAP_COUNTRY', country) as country,
    Total_Survey_Score
resident CountryTable;

drop table CountryTable;
```

Country	Total Survey Score
Totals	8.698
FRANCE	1.045
GERMANY	605
ITALY	764
US	2.389
USA	3.895

On executing a load script of an app, the country field needs to be normalized. The developer uses a mapping table to address the issue. What should the data architect do?

A. Use a LEFT JOIN instead of the APPLYMAP

B. Use LOAD DISTINCT on the mapping table

C. Create two different mapping tables

D. Review the values of the source mapping table

Correct Answer: D

QUESTION 2

A data architect needs to upload data from ten different sources, but only if there are any changes after the last reload

When data is updated, a new file is placed into a folder mapped to E A439926003 The data connection points to this folder.

The data architect plans a script which will:

1.

Verify that the file exists

2.

If the file exists, upload it Otherwise, skip to the next piece of code

The script will repeat this subroutine for each source. When the script ends, all uploaded files will be removed with a batch procedure.

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

A. FileSize, IF, THEN, END IF

B. FilePath, IF, THEN. Drop

C. FileExists, FOR EACH, IF

D. FilePath, FOR EACH, Peek, Drop

Correct Answer: A

QUESTION 3

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 4

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 Re-admission" 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: D

QUESTION 5

A data architect needs to write the expression for a measure on a KPI to show the sales person with the highest sales The sort order of the values of the fields is unknown When two or more sales people have sold the same amount, the expression should return all of those sales people

Which expression should the data architect use?

A. FirstSortedValue (Salesperson, -Aggr (Sum(Sales) , Salesperson))

B. Concat(DISTINCT IF (Aggr (Rank (Sum (Sales) , 4) , Salesperson) =1, Salesperson) , \\' \\')

C. FirstSortedValue (DISTINCT Salesperson, -Aggr (Sum(Sales) , Salesperson))

D. Concat (DISTINCT IF (Aggr (Rank (Sum (Sales) , 1) , Salesperson) =1, Salesperson) , \\' \\')

Correct Answer: D