



Free Questions for QSDA2022 by dumpssheet

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Question 1

Question Type: MultipleChoice

Refer to the exhibit.

Date	PatientChange
2019-01-01	100
2019-01-02	25
2019-01-02	-30
2019-01-03	10
2019-01-03	-15
2019-01-04	20
2019-01-04	-10

This table contains information about the number of admissions and discharges of patients in a hospital. The values can be positive or negative. The data architect needs to create an extra column that contains the number of patients that are currently in the hospital.

Which script should the data architect use ?

A)

```
PatientData:
LOAD
    Date, PatientChange,
    PatientChange + FieldValue(PatientChange) AS #Patients
FROM [lib://Data/PatientData.xlsx]
(ooxml, embedded labels, table is Sheet1);
```

B)

```
PatientData:
LOAD
    Date, PatientChange,
    Above(PatientChange) AS #Patients
FROM [lib://Data/PatientData.xlsx]
(ooxml, embedded labels, table is Sheet1);
```

C)

```
PatientData:
LOAD
    Date, PatientChange,
    RangeSum(PatientChange, Peek(#Patients)) AS #Patients
FROM [lib://Data/PatientData.xlsx]
(ooxml, embedded labels, table is Sheet1);
```

D)

```
PatientData:  
LOAD  
    Date, PatientChange,  
    PatientChange + Peek(PatientChange) AS #Patients  
FROM [lib://Data/PatientData.xlsx]  
(ooxml, embedded labels, table is Sheet1);
```

Options:

- A- Option A
- B- Option B
- C- Option C
- D- Option D

Answer:

A

Question 2

Question Type: MultipleChoice

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

a. The app must have minimal impact on already limited server resources.

Which approach should the data architect use?

Options:

A- Loop and Reduce

B- QVDs

C- In-memory

D- ODAG

Answer:

B

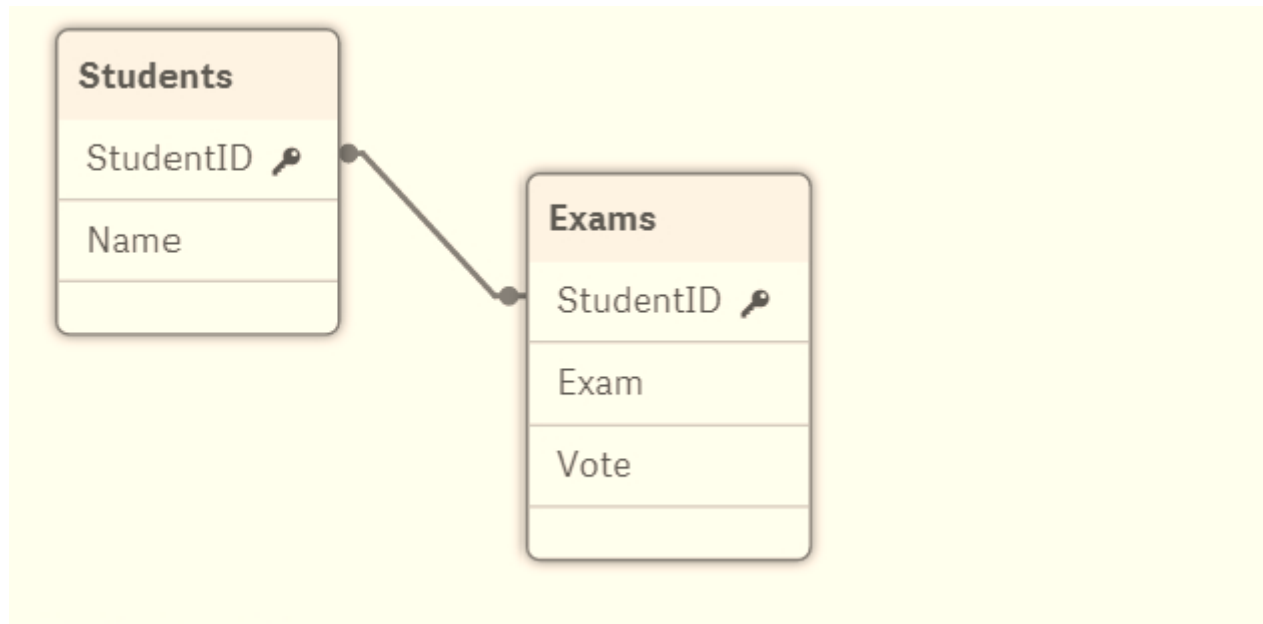
Explanation:

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

Question Type: MultipleChoice

Refer to the exhibit.



A data architect builds a simple data model to show the relationship between students and exams. The data is loaded. Every StudentID in the Exams table should be found in the Students table. Some students have NOT taken an exam.

The data architect selects the field "StudentID" from the Students table and sees the following:

StudentID

Density	100%
Subset ratio	66.6%
Has duplicates	true
Total distinct values	6
Present distinct values	4
Non-null values	8
Tags	\$key \$numeric \$integer

A data architect needs to fix this anomaly.

What should the data architect do to ensure data integrity?

Options:

- A-** Update the Students table and add 16.7% of the missing records
- B-** Remove records from the Exams table where StudentID is null
- C-** Update the Exams table and add 33.4% of the missing records
- D-** In the LOAD script, add DISTINCT before the Students and Exams tables

Answer:

D

Question 4

Question Type: MultipleChoice

A data architect is developing an app that will generate QVDs for multiple business analysts. The field naming conventions on the source data are NOT business friendly. For every table loaded, multiple fields will require a name change.

An Excel file is maintained centrally that lists all source data field names and the appropriate names as they should appear in the QVDs

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

Options:

- A- Use the Rename function and a mapping load
- B- Create master items using business-friendly names
- C- Use the Alias function and a mapping load
- D- Load in the Excel file as a data island and use the Peek function

Answer:

A

Explanation:

The Rename function allows the data architect to rename fields from the source data to the names specified in the Excel file. The mapping load allows the data architect to load the mapping between the source field names and the business-friendly names from the Excel file. The other options, Create master items using business-friendly names, Use the Alias function and a mapping load, and Load in the Excel file as a data island and use the Peek function, are not valid strategies for meeting these requirements.

Question 5

Question Type: MultipleChoice

A human resources (HR) team manager is due to go on leave. The manager needs to assign permissions to colleague to help the HR team publish apps. Which action(s) should the manager assign to the colleague before going on leave?

Options:

- A-** Owner Publish
- B-** Publish

C- Owner Publish, Read

D- Publish, Read

Answer:

A

Explanation:

The Owner Publish permission allows the colleague to publish apps on behalf of the manager, allowing the HR team to continue to publish apps while the manager is away. The other options, Publish, Owner Publish, Read, and Publish, Read, do not provide the colleague with the necessary permissions to publish apps on behalf of the manager.

Question 6

Question Type: MultipleChoice

A company needs to analyze sales data based on the exchange rate of the different countries every day About 30 reports must be produced with an average of 20r000 rows each. This process is estimated to take about three hours.

Reports will be in Excel and distributed to business users according to defined security rules

Which two products should the data architect use to build this solution? (Select two.)

Options:

- A- OQlikGeoAnalytics
- B- ODAG
- C- QlikDataMarket
- D- Qlik Storytelling
- E- Qlik NPrinting

Answer:

B, E

Explanation:

The best answer choices are B. ODAG and E. Qlik NPrinting. ODAG (On Demand Application Generation) is a product from Qlik that can be used to quickly generate reports from large datasets. It can produce reports with up to 20,000 rows and can do so in less than three hours. NPrinting is a product from Qlik that can be used to distribute the reports in Excel format according to the defined security rules.

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