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Question 1

Question Type: MultipleChoice

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.)

Options:

A- Use dynamic script generation with variables

B- Denormalize the schema

C- Make sure any Ul 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

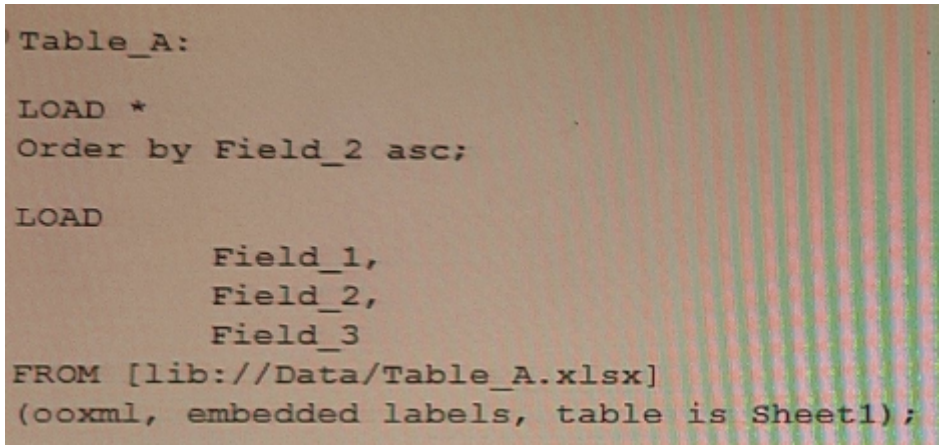
Question 2

Question Type: MultipleChoice

A data architect needs to load Table_A from an Excel file and sort the data by Field_2.

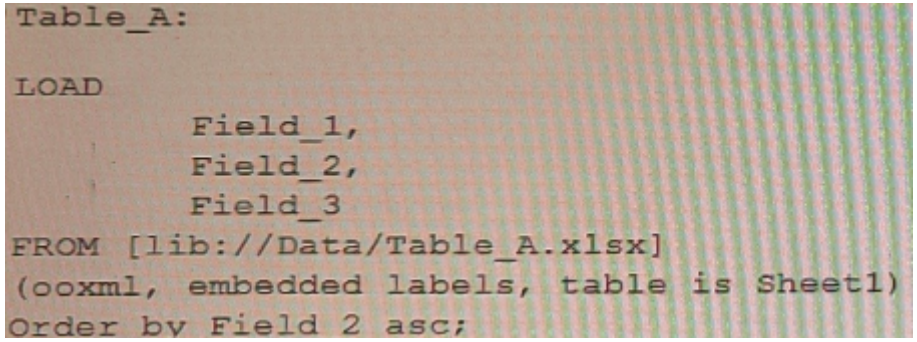
Which script should the data architect use?

A)



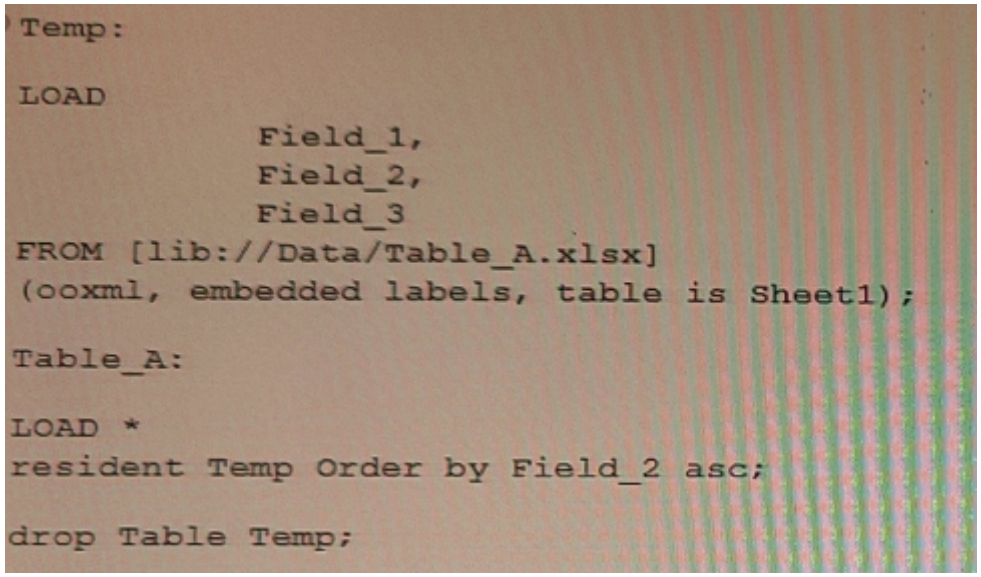
```
Table_A:

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);
```

B)



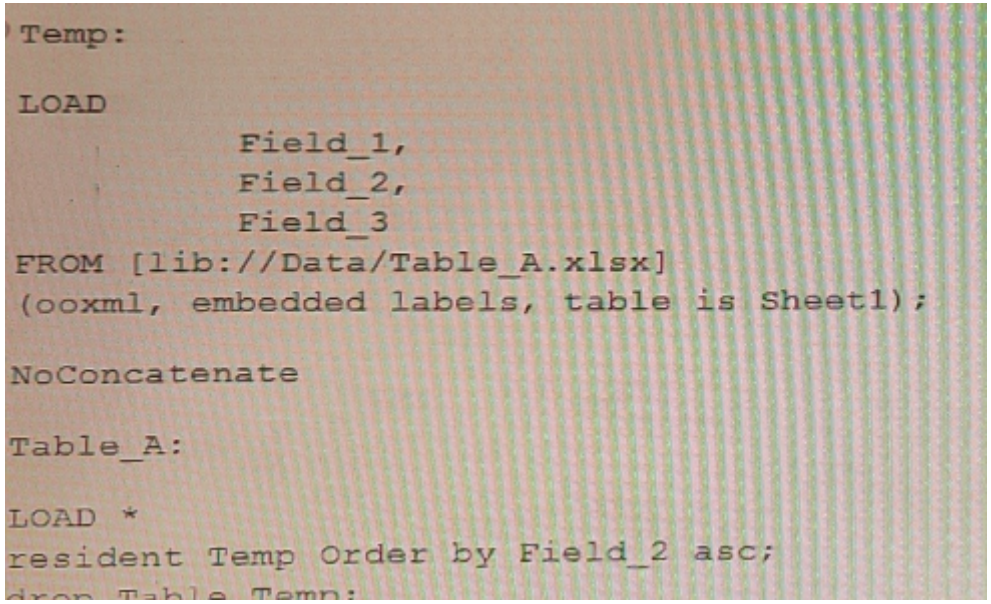
```
Table_A:

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

C)



```
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;
```

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;
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

D

Question 3

Question Type: MultipleChoice

A data architect needs to load data from two different databases Additional data will be added from a folder that contains QVDs. text files, and Excel files.

What is the minimum number of data connections required?

Options:

A- Two

B- Five

C- Four

D- Three

Answer:

D

Question 4

Question Type: MultipleChoice

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. 2 years Users very rarely access the transaction-level data for a specific date. Only the past 2 years of data must be loaded which is 720 GB of data

Which method should a data architect use to meet these requirements?

Options:

A- Load only aggregated data for 2 years and use On-Demand App Generation (ODAG) for transaction data

B- Load only aggregated data for 2 years and apply filters on a sheet for transaction data

C- Load only 2 years of data in an aggregated app and create a separate transaction app for occasional use

D- Load only 2 years of data and use best practices in scripting and visualization to calculate and display aggregated data

Answer:

A

Question 5

Question Type: MultipleChoice

Refer to the exhibit

A data architect develops an app for Coffee4all, a coffee company with stores located throughout Europe

The script runs successfully, but the Stores table does not have any values.

What should the data architect do?

Options:

A- Use where exists (ID, StoreID)

B- Use where exists (ID)

C- Use Concatenate before loading the Stores table

Answer:

B

Question 6

Question Type: MultipleChoice

A data architect needs to efficiently prepare a data model for a meeting in an hour.

The data source to be used contains five date fields The app needs to display sales trends and compare the current year to date (CYTD) to last year to date (LYTD) The app is NOT going to be published It will only be used for this meeting and a single user's ad-hoc analysis.

What should the data architect do to meet these requirements?

Options:

A- Use the data manager

B- Load a calendar island

C- Create a canonical calendar

D- Create five master calendars

Answer:

C

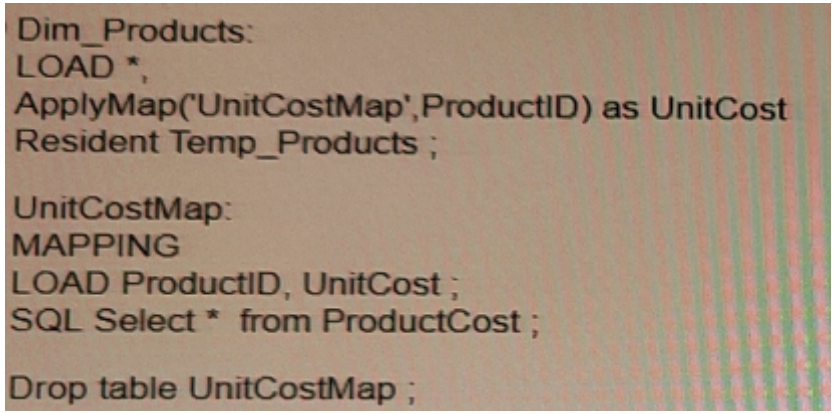
Question 7

Question Type: MultipleChoice

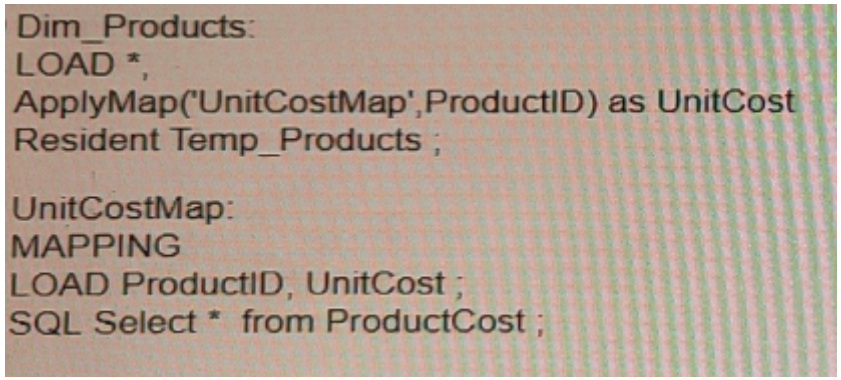
A data architect needs to add the UnitCost field from the ProductCost table in the Dim_Products Table.

Which script code should the data architect use?

A)

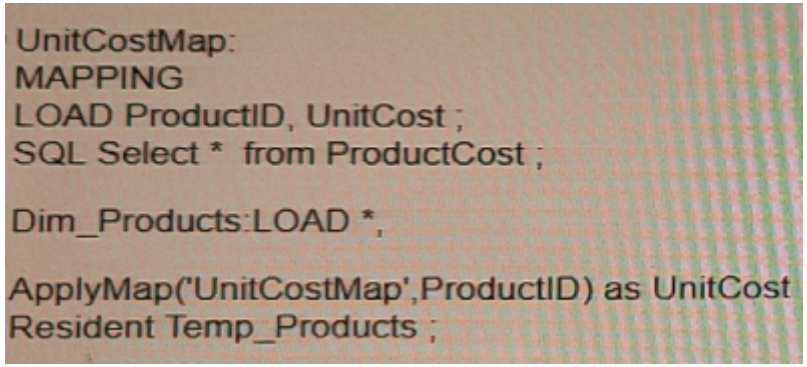


```
Dim_Products:
LOAD *,
ApplyMap('UnitCostMap',ProductID) as UnitCost
Resident Temp_Products ;

UnitCostMap:
MAPPING
LOAD ProductID, UnitCost ;
SQL Select *  from ProductCost ;

Drop table UnitCostMap ;
```



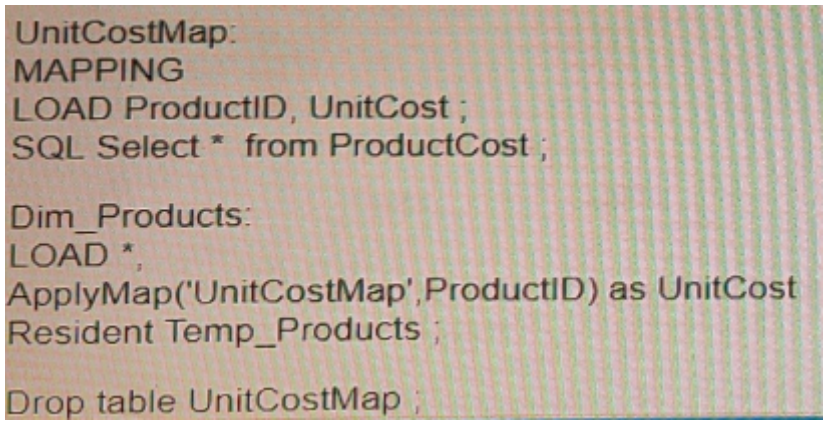
```
Dim_Products:
LOAD *,
ApplyMap('UnitCostMap',ProductID) as UnitCost
Resident Temp_Products ;

UnitCostMap:
MAPPING
LOAD ProductID, UnitCost ;
SQL Select *  from ProductCost ;
```

C)



```
UnitCostMap:
MAPPING
LOAD ProductID, UnitCost ;
SQL Select *  from ProductCost ;

Dim_Products:LOAD *,

ApplyMap('UnitCostMap',ProductID) as UnitCost
Resident Temp_Products ;
```

D)



```
UnitCostMap:
MAPPING
LOAD ProductID, UnitCost ;
SQL Select *  from ProductCost ;

Dim_Products:
LOAD *,
ApplyMap('UnitCostMap',ProductID) as UnitCost
Resident Temp_Products ;

Drop table UnitCostMap ;
```

Options:

A- Option

B- Option

C- Option

D- Option

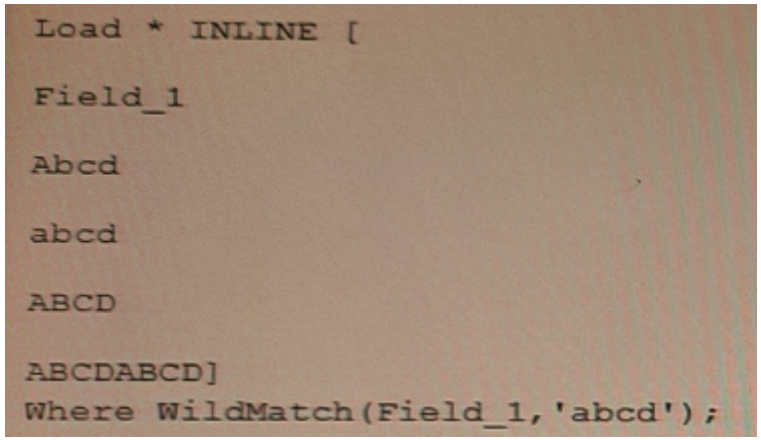
Answer:

C

Question 8

Question Type: MultipleChoice

A data architect executes the following script:



What will Field_1 contain after this script is executed?

Options:

A- Abed, abed, ABCD

B- abcd

C- Abcd, abcd

D- Abed, abed, ABCD, ABCDABCD

Answer:

A

Question 9

Question Type: **MultipleChoice**

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?

Options:

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

Answer:

D

Question 10

Question Type: MultipleChoice

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?

Options:

A- FileSize, IF, THEN, END IF

B- FilePath, IF, THEN. Drop

C- FileExists, FOR EACH, IF

D- FilePath, FOR EACH, Peek, Drop

Answer:

A

Question 11

Question Type: MultipleChoice

Refer to the exhibits.

An app is built to analyze salesperson performance by department. Departments are unique within the Departments table, but Salespeople often move between departments. A strict business rule states that a salesperson must be associated with ONLY one

department at all times.

The data architect creates a summary of department performance and notices the values are incorrect. The total sales KPI shows the correct result.

How should the data architect modify the data model to correct this issue?

Options:

A- Create a bridge table between the Departments and Salespeople tables to resolve the many-to-many relationship

B- Create a bridge table between the Transactions and Salespeople tables to resolve the many-to-many relationship

C- Join the Departments and Salespeople tables to resolve the many-to-many relationship

D- Join the Transactions and Salespeople tables to resolve the many-to-many relationship

Answer:

A

Question 12

Question Type: MultipleChoice

A data architect needs to build an Order Fulfillment app. The business requires front-end performance is optimized.

The OrderDate and ShipmentDate are located in different tables.

The user needs to identify the data type and must be able to:

* Show trends for orders and shipments

* Use a single filter for both date fields

* Analyze data over fiscal periods

Which steps should the data architect take to build the data model?

Options:

A- 1. Create a link table with master calendar fields
2. Create a single filter using fields from the master calendar

B- 1. Load the Shipments and Orders table via the data manager
2. Create a single filter using fields from the Orders table

C- 1. Create a master calendar and join into the Shipments and Orders table
2. Create a single filter using fields from the Shipments table

D- 1. Create a master calendar table as a data island
2. Create a single filter using fields from the master calendar

Answer:

A