Microsoft DP-700熱門認證，最新DP-700考題

順便提一下，可以從雲存儲中下載PDFExamDumps DP-700考試題庫的完整版：https://drive.google.com/open?id=1Wpxbtvp-k9a1CQSdxjUyRBiq008DmYth

PDFExamDumps Microsoft的DP-700考試認證培訓資料是互聯網裏最好的培訓資料，在所有的培訓資料裏是佼佼者。它不僅可以幫助你順利通過考試，還可以提高你的知識和技能，也有助於你的職業生涯在不同的條件下都可以發揮你的優勢，所有的國家一視同仁。

為什麼PDFExamDumps Microsoft的DP-700考試培訓資料與別的培訓資料相比，它更受廣大考生的歡迎呢，第一，這是共鳴的問題，我們必須真正瞭解考生的需求，而且要比任何網站都要全面到位。第二，專注，為了做好我們決定完成的事情，必須放棄所有不重要的機會。第三，人們的確用表面來判斷一個東西的好壞，我們或許擁有最優秀最高品質的產品，但如果以粗製濫造的方式展示出來，自然會被列為粗製濫造的產品，如果以既有創意又很專業的方式呈現，那麼我們將得到最高的效果。PDFExamDumps Microsoft的DP-700考試培訓資料就是這樣成功的培訓資料，舍它其誰？

>> Microsoft DP-700熱門認證 <<

高質量的DP-700熱門認證，覆蓋全真Implementing Data Engineering Solutions Using Microsoft Fabric DP-700考試考題

由于IT行業的競爭力近年來有所增加，如果您需要提升自己的職業發展道路，Microsoft DP-700認證就成為基本的選擇條件之一。而通過DP-700考試被視為獲得此認證最關鍵的方法，該認證不斷可以增加您的就業機會，還為您提供了無數新的可能。所有考生都知道我們的Microsoft DP-700考古題產品可以幫助您快速掌握考試知識點，無需參加其它的培訓課程，就可以保證您高分通過DP-700考試。

Microsoft DP-700 考試大綱：

主題	簡介
主題 1	• Ingest and transform data: This section of the exam measures the skills of Data Engineers that cover designing and implementing data loading patterns. It emphasizes preparing data for loading into dimensional models, handling batch and streaming data ingestion, and transforming data using various methods. A skill to be measured is applying appropriate transformation techniques to ensure data quality.
主題 2	• Implement and manage an analytics solution: This section of the exam measures the skills of Microsoft Data Analysts regarding configuring various workspace settings in Microsoft Fabric. It focuses on setting up Microsoft Fabric workspaces, including Spark and domain workspace configurations, as well as implementing lifecycle management and version control. One skill to be measured is creating deployment pipelines for analytics solutions.

主題 3	• Monitor and optimize an analytics solution: This section of the exam measures the skills of Data Analysts in monitoring various components of analytics solutions in Microsoft Fabric. It focuses on tracking data ingestion, transformation processes, and semantic model refreshes while configuring alerts for error resolution. One skill to be measured is identifying performance bottlenecks in analytics workflows.

最新的 Microsoft Certified: Fabric Data Engineer Associate DP-700 免費考試真題 (Q49-Q54):

問題 #49

You have a Fabric workspace that contains a warehouse named Warehouse1.

In Warehouse1, you create a table named DimCustomer by running the following statement.

```
CREATE TABLE dbo.DimCustomer (
    CustomerKey VARCHAR(255) NOT NULL,
    Name VARCHAR(255) NOT NULL,
    Email VARCHAR(255) NOT NULL
);
```

You need to set the Customerkey column as a primary key of the DimCustomer table.

Which three code segments should you run in sequence? To answer, move the appropriate code segments from the list of code segments to the answer area and arrange them in the correct order.

Code Segments

- DROP CONSTRAINT PK_DimCustomer
- ADD CONSTRAINT PK_DimCustomer PRIMARY KEY NONCLUSTERED (CustomerKey)
- NOT ENFORCED
- ALTER TABLE dbo.DimCustomer
- ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey)
- ENFORCED

Answer Area

答案：

解題說明：

Code Segments

- DROP CONSTRAINT PK_DimCustomer
- ADD CONSTRAINT PK_DimCustomer PRIMARY KEY NONCLUSTERED (CustomerKey)
- NOT ENFORCED
- ALTER TABLE dbo.DimCustomer
- ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey)
- ENFORCED

Answer Area

- ALTER TABLE dbo.DimCustomer
- ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey)
- ENFORCED

問題 #50

You have a Fabric workspace named Workspace1 that contains a warehouse named Warehouse2. A team of data analysts has Viewer role access to Workspace1. You create a table by running the following statement.

```
CREATE TABLE [warehouse2].[dbo].[CreditCard]
(
    CreditCard varchar(20) NOT NULL
    ,CreditCardType varchar(10) NOT NULL)
GO
```

You need to ensure that the team can view only the first two characters and the last four characters of the Creditcard attribute.
How should you complete the statement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area
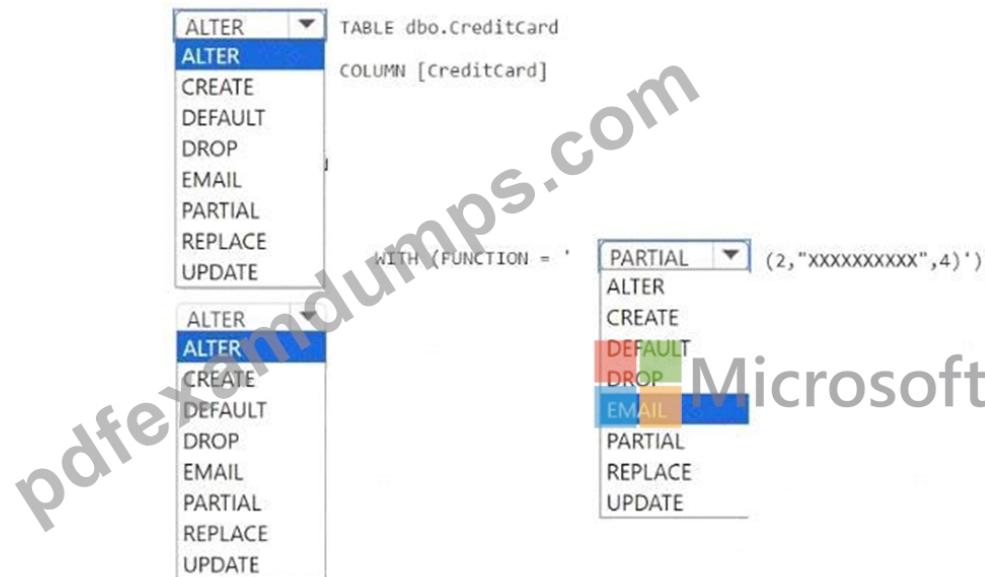
ALTER ▼	TABLE dbo.CreditCard
ALTER	
CREATE	COLUMN [CreditCard]
DEFAULT	
DROP	
EMAIL	
PARTIAL	
REPLACE	
UPDATE	

ALTER ▼
ALTER
CREATE
DEFAULT
DROP
EMAIL
PARTIAL
REPLACE
UPDATE

WITH (FUNCTION = '

PARTIAL ▼	(2,"XXXXXXXXX",4)')
ALTER	
CREATE	
DEFAULT	
DROP	
EMAIL	
PARTIAL	
REPLACE	
UPDATE	

答案：

解題說明：

Answer Area
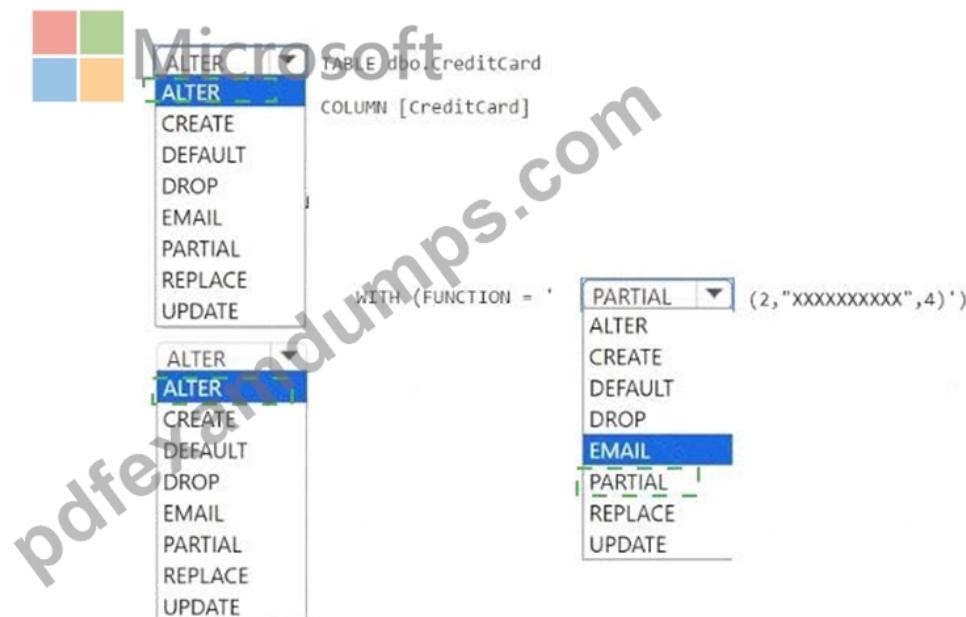
ALTER ▼	TABLE dbo.CreditCard
ALTER	
CREATE	COLUMN [CreditCard]
DEFAULT	
DROP	
EMAIL	
PARTIAL	
REPLACE	
UPDATE	

ALTER ▼
ALTER
CREATE
DEFAULT
DROP
EMAIL
PARTIAL
REPLACE
UPDATE

WITH (FUNCTION = '

PARTIAL ▼	(2,"XXXXXXXXX",4)')
ALTER	
CREATE	
DEFAULT	
DROP	
EMAIL	
PARTIAL	
REPLACE	
UPDATE	

Explanation:

Answer Area

ALTER ▼ TABLE dbo.CreditCard

ALTER ▼ COLUMN [CreditCard]

ADD MASKED

WITH (FUNCTION = ' PARTIAL ▼ (2,"XXXXXXXXX",4)')

Microsoft

問題 #51

You have an Azure SQL database named DB1.

In a Fabric workspace, you deploy an eventstream named EventStreamDBI to stream record changes from DB1 into a lakehouse.

You discover that events are NOT being propagated to EventStreamDBI.

You need to ensure that the events are propagated to EventStreamDBI.

What should you do?

- A. Create a read-only replica of DB1.
- B. Enable Extended Events for DB1.
- C. Create an Azure Stream Analytics job.
- D. Enable change data capture (CDC) for DB1.

答案：D

問題 #52

You have a Fabric workspace that contains a warehouse named Warehouse1.

You have an on-premises Microsoft SQL Server database named Database1 that is accessed by using an on-premises data gateway.

You need to copy data from Database1 to Warehouse1.

Which item should you use?

- A. a Dataflow Gen1 dataflow
- B. a KQL queryset
- C. a notebook
- D. a data pipeline

答案：D

解題說明：

To copy data from an on-premises Microsoft SQL Server database (Database1) to a warehouse (Warehouse1) in Microsoft Fabric, the best option is to use a data pipeline. A data pipeline in Fabric allows for the orchestration of data movement, from source to destination, using connectors, transformations, and scheduled workflows. Since the data is being transferred from an on-premises database and requires the use of a data gateway, a data pipeline provides the appropriate framework to facilitate this data movement efficiently and reliably.

問題 #53

You have two Fabric notebooks named Load_Salesperson and Load_Orders that read data from Parquet files in a lakehouse. Load_Salesperson writes to a Delta table named dim_salesperson. Load.Orders writes to a Delta table named fact_orders and is dependent on the successful execution of Load_Salesperson.

You need to implement a pattern to dynamically execute Load_Salesperson and Load_Orders in the appropriate order by using a notebook.

How should you complete the code? To answer, drag the appropriate values the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

:: activities

:: broadcast

:: dependencies

:: execute

:: notebooks

:: runMultiple

Answer Area

```
name : Load_Salesperson ,
"path": "Load_Salesperson",
"timeoutPerCellInSeconds": 300,
},
{
"name": "Load_Orders",
"path": "Load_Orders",
"timeoutPerCellInSeconds": 600,
"                " : [ Load_Salesperson ]
}
],
"timeoutInSeconds": 43200
}
mssparkutils.notebook.                (DAG)
```

答案：

解題說明：

Values

:: activities

:: broadcast

:: dependencies

:: execute

:: notebooks

:: runMultiple

Answer Area

```
name : Load_Salesperson ,
"path": "Load_Salesperson",
"timeoutPerCellInSeconds": 300,
},
{
"name": "Load_Orders",
"path": "Load_Orders",
"timeoutPerCellInSeconds": 600,
"  :: dependencies        ": ["Load_Salesperson"]
}
],
"timeoutInSeconds": 43200
}
mssparkutils.notebook.  :: runMultiple   (DAG)
```

Explanation:

Values

:: activities

:: broadcast

:: dependencies

:: execute

:: notebooks

:: runMultiple

Answer Area

```
name : Load_Salesperson ,
path": "Load_Salesperson",
"timeoutPerCellInSeconds": 300,
},
{
"name": "Load_Orders",
"path": "Load_Orders",
"timeoutPerCellInSeconds": 600,
"  dependencies      ": ["Load_Salesperson"]
}
],
"timeoutInSeconds": 43200
}
mssparkutils.notebook.  runMultiple   (DAG)
```

Topic 2, Contoso, LtdCase Study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview. Company Overview

Contoso, Ltd. is an online retail company that wants to modernize its analytics platform by moving to Fabric.

The company plans to begin using Fabric for marketing analytics.

Overview. IT Structure

The company's IT department has a team of data analysts and a team of data engineers that use analytics systems.

The data engineers perform the ingestion, transformation, and loading of data. They prefer to use Python or SQL to transform the data.

The data analysts query data and create semantic models and reports. They are qualified to write queries in Power Query and T-SQL.

Existing Environment. Fabric

Contoso has an F64 capacity named Cap1. All Fabric users are allowed to create items.

Contoso has two workspaces named WorkspaceA and WorkspaceB that currently use Pro license mode.

Existing Environment. Source Systems

Contoso has a point of sale (POS) system named POS1 that uses an instance of SQL Server on Azure Virtual Machines in the same Microsoft Entra tenant as Fabric. The host virtual machine is on a private virtual network that has public access blocked. POS1 contains all the sales transactions that were processed on the company's website.

The company has a software as a service (SaaS) online marketing app named MAR1. MAR1 has seven entities. The entities contain data that relates to email open rates and interaction rates, as well as website interactions. The data can be exported from MAR1 by calling REST APIs. Each entity has a different endpoint.

Contoso has been using MAR1 for one year. Data from prior years is stored in Parquet files in an Amazon Simple Storage Service (Amazon S3) bucket. There are 12 files that range in size from 300 MB to 900 MB and relate to email interactions.

Existing Environment. Product Data

POS1 contains a product list and related data. The data comes from the following three tables:

Products

ProductCategories

ProductSubcategories

In the data, products are related to product subcategories, and subcategories are related to product categories.

Existing Environment. Azure

Contoso has a Microsoft Entra tenant that has the following mail-enabled security groups:

DataAnalysts: Contains the data analysts

DataEngineers: Contains the data engineers

Contoso has an Azure subscription.

The company has an existing Azure DevOps organization and creates a new project for repositories that relate to Fabric.

Existing Environment. User Problems

The VP of marketing at Contoso requires analysis on the effectiveness of different types of email content. It typically takes a week to manually compile and analyze the data. Contoso wants to reduce the time to less than one day by using Fabric.

The data engineering team has successfully exported data from MAR1. The team experiences transient connectivity errors, which causes the data exports to fail.

Requirements. Planned Changes

Contoso plans to create the following two lakehouses:

Lakehouse1: Will store both raw and cleansed data from the sources

Lakehouse2: Will serve data in a dimensional model to users for analytical queries Additional items will be added to facilitate data ingestion and transformation.

Contoso plans to use Azure Repos for source control in Fabric.

Requirements. Technical Requirements

The new lakehouses must follow a medallion architecture by using the following three layers: bronze, silver, and gold. There will be extensive data cleansing required to populate the MAR1 data in the silver layer, including deduplication, the handling of missing values, and the standardizing of capitalization.

Each layer must be fully populated before moving on to the next layer. If any step in populating the lakehouses fails, an email must be sent to the data engineers.

Data imports must run simultaneously, when possible.

The use of email data from the Amazon S3 bucket must meet the following requirements:

Minimize egress costs associated with cross-cloud data access.

Prevent saving a copy of the raw data in the lakehouses.

Items that relate to data ingestion must meet the following requirements:

The items must be source controlled alongside other workspace items.

Ingested data must land in the bronze layer of Lakehouse1 in the Delta format.

No changes other than changes to the file formats must be implemented before the data lands in the bronze layer.

Development effort must be minimized and a built-in connection must be used to import the source data.

In the event of a connectivity error, the ingestion processes must attempt the connection again.

Lakehouses, data pipelines, and notebooks must be stored in WorkspaceA. Semantic models, reports, and dataflows must be stored in WorkspaceB.

Once a week, old files that are no longer referenced by a Delta table log must be removed.

Requirements. Data Transformation

In the POS1 product data, ProductID values are unique. The product dimension in the gold layer must include only active products from product list. Active products are identified by an IsActive value of 1.

Some product categories and subcategories are NOT assigned to any product. They are NOT analytically relevant and must be omitted from the product dimension in the gold layer.

Requirements. Data Security

Security in Fabric must meet the following requirements:

The data engineers must have read and write access to all the lakehouses, including the underlying files.

The data analysts must only have read access to the Delta tables in the gold layer.

The data analysts must NOT have access to the data in the bronze and silver layers.

The data engineers must be able to commit changes to source control in WorkspaceA.

問題 #54

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儘管當時在市場上有許多 Microsoft 方面的書籍，但沒有一本是百分之百介紹實際操作的。許多關於 Microsoft 配置方面的書也只包括配置的某些部分，並不提供足夠的信息使讀者能完整地建立和測試配置。而 PDFExamDumps 的 DP-700 考題助您一次輕鬆通過 Microsoft 考試。我們提供的 DP-700 考古題含蓋了當前最新的真實考題，並且全部附有正確答案。如果您正在準備考試，它將是最佳的學習助手，是您通過考試取得 DP-700 認證的捷徑。

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