

## DP-900 Dumps

### Microsoft Azure Data Fundamentals

<https://www.certleader.com/DP-900-dumps.html>



**NEW QUESTION 1**

Your company has a reporting solution that has paginated reports. The reports query a dimensional model in a data warehouse. Which type of processing does the reporting solution use?

- A. stream processing
- B. Online Transaction Processing (OLTP)
- C. batch processing
- D. Online Analytical Processing (OLAP)

**Answer: D**

**NEW QUESTION 2**

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. container
- B. item
- C. database
- D. partition

**Answer: AC**

**NEW QUESTION 3**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

*Answer Area*

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input type="radio"/>
Azure Data Studio can be used to restore a database.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

*Answer Area*

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Studio can be used to restore a database.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 4**

What are two benefits of platform as a service (PaaS) relational database offerings in Azure, such as Azure SQL Database? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. complete control over backup and restore processes
- B. access to the latest features
- C. in-database machine learning services
- D. reduced administrative effort for managing the server infrastructure

**Answer: BC**

**NEW QUESTION 5**

You need to query a table named Products in an Azure SQL database.

Which three requirements must be met to query the table from the internet? Each correct answer presents part of the solution. (Choose three.)

NOTE: Each correct selection is worth one point.

- A. You must be assigned the Reader role for the resource group that contains the database.
- B. You must have SELECT access to the Products table.
- C. You must have a user in the database.
- D. You must be assigned the Contributor role for the resource group that contains the database.
- E. Your IP address must be allowed to connect to the database.

**Answer: ACE**

**NEW QUESTION 6**

Match the tools to the appropriate descriptions.

To answer, drag the appropriate tool from the column on the left to its description on the right. Each tool may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Tools	Answer Area
Azure Data Studio	
Microsoft SQL Server Data Tools (SSDT)	
Microsoft SQL Server Management Studio (SSMS)	
Microsoft Visual Studio Code	

Tool	A graphical tool for managing Azure SQL databases and viewing SQL execution plans
Tool	A Microsoft SQL Server extension that supports connections to SQL Server and provides a rich editing experience for T-SQL
Tool	A lightweight editor that can run on-demand SQL queries and view and save results as text, JSON, or Microsoft Excel files
Tool	A development tool for building Azure SQL databases, Microsoft SQL Server relational databases, SQL Server Analysis Services (SSAS) data models, SQL Server Integration Services (SSIS) packages, and SQL Server Reporting Services (SSRS) reports

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Tools	Answer Area
Azure Data Studio	
Microsoft SQL Server Data Tools (SSDT)	
Microsoft SQL Server Management Studio (SSMS)	
Microsoft Visual Studio Code	

Microsoft SQL Server Data Tools (SSDT)	A graphical tool for managing Azure SQL databases and viewing SQL execution plans
Azure Data Studio	A Microsoft SQL Server extension that supports connections to SQL Server and provides a rich editing experience for T-SQL
Microsoft SQL Server Management Studio (SSMS)	A lightweight editor that can run on-demand SQL queries and view and save results as text, JSON, or Microsoft Excel files
Microsoft Visual Studio Code	A development tool for building Azure SQL databases, Microsoft SQL Server relational databases, SQL Server Analysis Services (SSAS) data models, SQL Server Integration Services (SSIS) packages, and SQL Server Reporting Services (SSRS) reports

**NEW QUESTION 7**

To complete the sentence, select the appropriate option in the answer area.

Answer Area

Relational data uses  to enforce relationships between different tables.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

Relational data uses  to enforce relationships between different tables.

**NEW QUESTION 8**

To complete the sentence, select the appropriate option in the answer area.

is a virtual table that contains content defined by a query.

A heap
A stored procedure
A view
An index

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

is a virtual table that contains content defined by a query.

A heap
A stored procedure
A view
An index

**NEW QUESTION 9**

To complete the sentence, select the appropriate option in the answer area.

You can query a graph database in Azure Cosmos DB

as a JSON document by using a SQL-like language.
as a partitioned row store by using Cassandra Query Language (CQL).
as a partitioned row store by using Language-Integrated Query (LINQ).
as nodes and edges by using the Gremlin language.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

You can query a graph database in Azure Cosmos DB

as a JSON document by using a SQL-like language.
as a partitioned row store by using Cassandra Query Language (CQL).
as a partitioned row store by using Language-Integrated Query (LINQ).
as nodes and edges by using the Gremlin language.

**NEW QUESTION 10**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="radio"/>	<input checked="" type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 10**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
A Microsoft Power BI dashboard is associated with a single workspace.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Statements	Yes	No
A Microsoft Power BI dashboard is associated with a single workspace.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 13**

match the Azure data factory components to the appropriate descriptions.

To answer, drag the appropriate component from the column on the left to its description on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**NEW QUESTION 14**

What is a benefit of hosting a database on Azure SQL managed instance as compared to an Azure SQL database?

- A. native support for cross-database queries and transactions
- B. built-in high availability
- C. system-initiated automatic backups
- D. support for encryption at rest

**Answer: A**

**NEW QUESTION 18**

You are writing a set of SQL queries that administrators will use to troubleshoot an Azure SQL database. You need to embed documents and query results into a SQL notebook.

What should you use?

- A. Microsoft SQL Server Management Studio (SSMS)
- B. Azure Data Studio
- C. Azure CLI
- D. Azure PowerShell

**Answer: B**

**NEW QUESTION 21**

Which scenario is an example of a streaming workload?

- A. sending transactions that are older than a month to an archive
- B. sending transactions daily from point of sale (POS) devices
- C. sending telemetry data from edge devices
- D. sending cloud infrastructure metadata every 30 minutes

Answer: C

**NEW QUESTION 24**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 25**

You have a transactional application that stem data in an Azure SQ1 managed instance. When should you implement a read-only database replica?

- A. You need to generate reports without affecting the transactional workload.
- B. You need to audit the transactional application.
- C. You need to implement high availability in the event of a regional outage
- D. You need to improve the recovery point objective (RPO).

Answer: C

**NEW QUESTION 26**

To complete the sentence, select the appropriate option in the answer area.

Answer Area

An extract, load, and transform (ELT) process requires

- a data pipeline that includes a transformation engine.
- a separate transformation engine.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

An extract, load, and transform (ELT) process requires

- a data pipeline that includes a transformation engine.
- a separate transformation engine.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.

**NEW QUESTION 28**

You need to gather real-time telemetry data from a mobile application. Which type of workload describes this scenario?

- A. Online Transaction Processing (OLTP)
- B. batch
- C. massively parallel processing (MPP)
- D. streaming

Answer: D

**NEW QUESTION 29**

Which Azure Data Factory component provides the compute environment for activities?

- A. a linked service

- B. an integration runtime
- C. a control flow
- D. a pipeline

**Answer:** A

**NEW QUESTION 31**

You need to use Transact-SQL to query files in Azure Data Lake Storage from an Azure Synapse Analytics data warehouse. What should you use to query the files?

- A. Azure Functions
- B. Microsoft SQL Server Integration Services (SSIS)
- C. PolyBase
- D. Azure Data Factory

**Answer:** C

**NEW QUESTION 33**

Which two Azure services can be used to provision Spark clusters? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Azure Databricks
- B. Azure Log Analytics
- C. Azure Time Series Insights
- D. Azure HDinsight

**Answer:** AD

**NEW QUESTION 36**

You have the following SQL query.

```
INSERT INTO dbo.Products (ProductID, ProductName, Price, ProductDescription)
VALUES (1, 'Clamp', 12.48, 'Workbench clamp');
```

NOTE: Each correct selection is worth one point.

Answer Area

dbo.Products:	<input type="checkbox"/> A column <input type="checkbox"/> A database <input type="checkbox"/> A table <input type="checkbox"/> An index
ProductName:	<input type="checkbox"/> A column <input type="checkbox"/> A database <input type="checkbox"/> A table <input type="checkbox"/> An index

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

dbo.Products:	<input checked="" type="checkbox"/> A column <input type="checkbox"/> A database <input type="checkbox"/> A table <input type="checkbox"/> An index
ProductName:	<input checked="" type="checkbox"/> A column <input type="checkbox"/> A database <input type="checkbox"/> A table <input type="checkbox"/> An index

**NEW QUESTION 40**

To complete the sentence, select the appropriate option in the answer area.

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

▼
graph.
table.
partition key.
document.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

graph.	<input checked="" type="checkbox"/>
table.	<input type="checkbox"/>
partition key.	<input type="checkbox"/>
document.	<input type="checkbox"/>

**NEW QUESTION 44**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 46**

Match the types of workloads the appropriate scenario.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once or not at all.

NOTE: Each correct match is worth one point.

Workload Types

Batch	Micro-batch	Streaming
-------	-------------	-----------

Answer Area

Workload Type	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Workload Type	Data for online purchases will be loaded to a data warehouse as the purchases occur.
Workload Type	Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Workload Types

Batch	Micro-batch	Streaming
-------	-------------	-----------

Answer Area

Batch	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Streaming	Data for online purchases will be loaded to a data warehouse as the purchases occur.
Micro-batch	Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

**NEW QUESTION 49**

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.  
NOTE: Each correct match is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 50**

You need to develop a solution to provide data to executives. the solution must provide an interactive graphic interface, depict various key performance indications, and support data exploration by using drill down.  
What should you use in Microsoft Power BI?

- A. a dashboard
- B. Microsoft Power Apps
- C. a dataflow
- D. a report

**Answer:** D

**NEW QUESTION 53**

What should you use to build a Microsoft Power BI paginated report?

- A. Power BI report Builder
- B. Power BI Desktop
- C. Charticator
- D. the Power BI service

**Answer:** B

**NEW QUESTION 54**

At which level in Azure Cosmos DB can you configure multiple write regions and read regions?

- A. database
- B. partition
- C. collection
- D. account

**Answer:** C

**NEW QUESTION 57**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.	<input type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

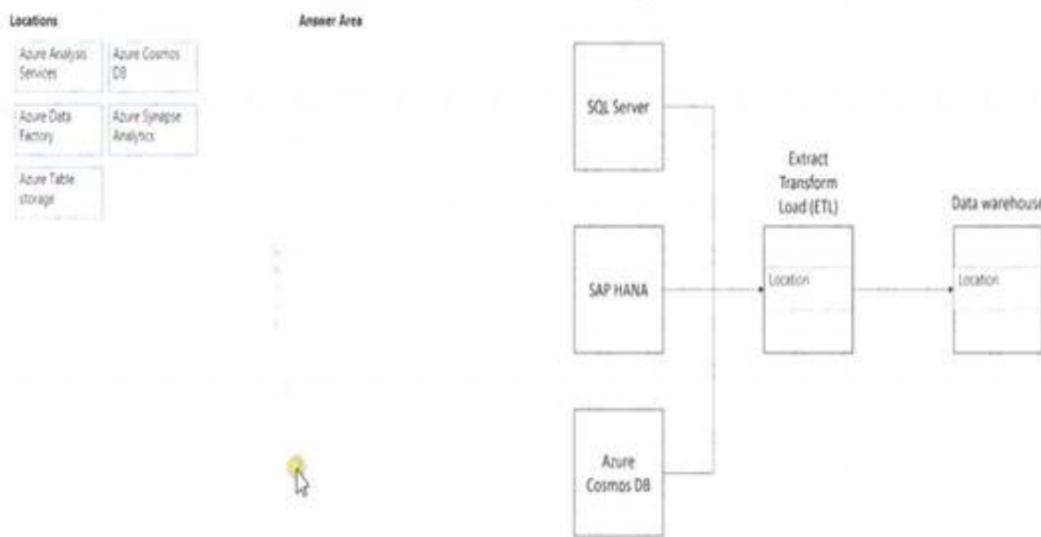
Statements	Yes	No
When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.	<input checked="" type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input type="radio"/>	<input type="radio"/>

**NEW QUESTION 61**

Match the Azure services to the appropriate locations in the architecture.

To answer, drag the appropriate service from the column on the left to its location on the right. Each service may be used once, more than once, or not at all.

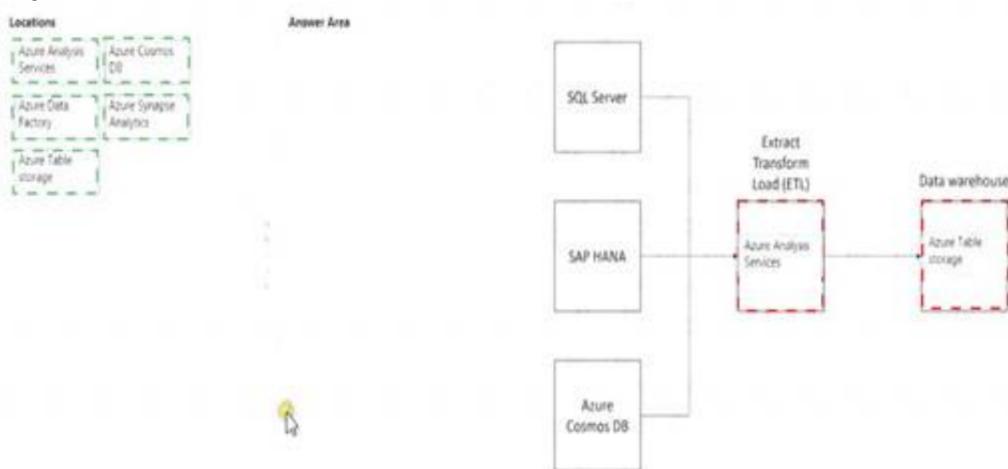
NOTE: Each correct match is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



**NEW QUESTION 64**

To complete the sentence, select the appropriate option in the answer area.

▼

A clustered index

A FileTable

A foreign key

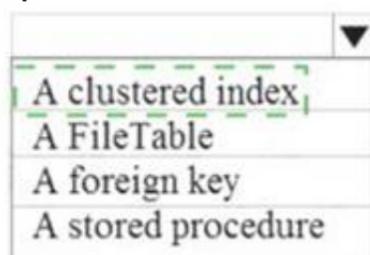
A stored procedure

is an object associated with a table that sorts and stores the data rows in the table based on their key values.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



is an object associated with a table that sorts and stores the data rows in the table based on their key values.

**NEW QUESTION 65**

Which storage solution supports role-based access control (RBAC) at the file and folder level?

- A. Azure Disk Storage
- B. Azure Data Lake Storage
- C. Azure Blob storage
- D. Azure Queue storage

Answer: B

**NEW QUESTION 70**

When you create an Azure SQL database, which account can always connect to the database ?

- A. the Azure Active director/ (Azure AO) account that created the database
- B. the Azure Active Directly Azure AD) administrator account
- C. the sa account
- D. the server admin login account of the logical server

Answer: B

**NEW QUESTION 75**

Your company is designing an application that will write a high volume of JSON data and will have an application-defined schema. Which type of data store should you use?

- A. key/value
- B. document
- C. graph
- D. columnar

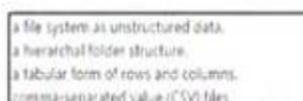
Answer: A

**NEW QUESTION 76**

To complete the sentence, select the appropriate option in the answer area.

Answer Area

Relational data is stored in



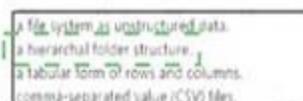
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Relational data is stored in



**NEW QUESTION 77**

You have an inventory management database that contains the following table.

ProductName	Quantity
Product1	100
Product2	129
Product3	176

Which statement should you use in a SQL query to change the inventory quantity of Product1 to 270?

- A. INSERT
- B. MERGE
- C. UPDATE
- D. CREATE

**Answer: C**

**NEW QUESTION 79**

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, fixed-layout documents or interactive report archiving. paginated report subscription

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Paginated Reports

<https://powerbi.microsoft.com/en-us/blog/announcing-paginated-reports-in-power-bi-general-availability/>

**NEW QUESTION 82**

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

changes to relationships between entities.  
geographically distributed writes.  
transactional writes.  
writes that have varying data structures.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

changes to relationships between entities.  
geographically distributed writes.  
transactional writes.  
writes that have varying data structures.

**NEW QUESTION 84**

A team of developers has computers that run Windows 10 and Ubuntu Desktop.

The developers need to connect to and query an Azure SQL database from the computers. The developers require code assistance features such as IntelliSense. What should the developers use?

- A. Azure Data Studio
- B. sqlcmd
- C. Microsoft SQL Server Management Studio (SSMS)
- D. Azure Data Explorer

**Answer: B**

**NEW QUESTION 85**

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