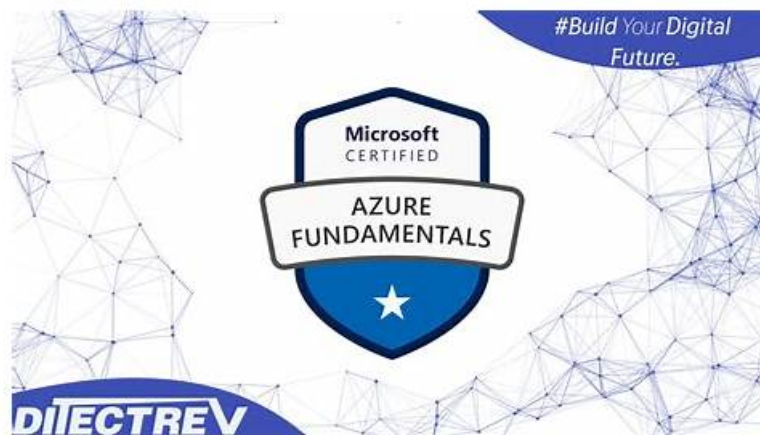


# Hot Exam DP-900 Fee | Latest Microsoft DP-900: Microsoft Azure Data Fundamentals 100% Pass



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If people buy and use the DP-900 study tool with bad quality to prepare for their exams, it must do more harm than good for their exams, thus it can be seen that the good and suitable DP-900 guide question is so important for people's exam that people have to pay more attention to the study materials. In order to help people pass the exam and gain the certification, we are glad to the DP-900 Study Tool from our company for you. We can promise that our study materials will be very useful and helpful for you to prepare for your exam.

The DP-900 Exam covers the basics of data storage and processing in Azure, including data ingestion, transformation, and integration. It also covers the fundamentals of relational and non-relational databases, big data and analytics, and machine learning. DP-900 exam is suitable for IT professionals, developers, data analysts, and anyone interested in learning about Azure's data services.

Microsoft DP-900 exam is ideal for professionals who are planning to work with Azure data technologies and want to demonstrate their knowledge and skills in this area. DP-900 exam is also suitable for developers, data analysts, and IT professionals who are looking to expand their knowledge in cloud computing technologies and want to enhance their career prospects. Passing DP-900 exam will not only validate your skills and knowledge but also help you stand out in the job market and increase your earning potential.

## Microsoft DP-900 Exam Syllabus Topics:

Topic	Details
<b>Describe core data concepts (15-20%)</b>	
Describe types of core data workloads	<ul style="list-style-type: none"><li>- describe batch data</li><li>- describe streaming data</li><li>- describe the difference between batch and streaming data</li><li>- describe the characteristics of relational data</li></ul>
Describe data analytics core concepts	<ul style="list-style-type: none"><li>- describe data visualization (e.g., visualization, reporting, business intelligence (BI))</li><li>- describe basic chart types such as bar charts and pie charts</li><li>- describe analytics techniques (e.g., descriptive, diagnostic, predictive, prescriptive, cognitive)</li><li>- describe ELT and ETL processing</li><li>- describe the concepts of data processing</li></ul>
<b>Describe how to work with relational data on Azure (25-30%)</b>	
Describe relational data workloads	<ul style="list-style-type: none"><li>- identify the right data offering for a relational workload</li><li>- describe relational data structures (e.g., tables, index, views)</li></ul>

Describe relational Azure data services	<ul style="list-style-type: none"> <li>- describe and compare PaaS, IaaS, and SaaS solutions</li> <li>- describe Azure SQL family of products including Azure SQL Database, Azure SQL Managed Instance, and SQL Server on Azure Virtual Machines</li> <li>- describe Azure Synapse Analytics</li> <li>- describe Azure Database for PostgreSQL, Azure Database for MariaDB, and Azure Database for MySQL</li> </ul>
Identify basic management tasks for relational data	<ul style="list-style-type: none"> <li>- describe provisioning and deployment of relational data services</li> <li>- describe method for deployment including the Azure portal, Azure Resource Manager templates, Azure PowerShell, and the Azure command-line interface (CLI)</li> <li>- identify data security components (e.g., firewall, authentication)</li> <li>- identify basic connectivity issues (e.g., accessing from on-premises, access with Azure VNets, access from Internet, authentication, firewalls)</li> <li>- identify query tools (e.g., Azure Data Studio, SQL Server Management Studio, sqlcmd utility, etc.)</li> </ul>
Describe query techniques for data using SQL language	<ul style="list-style-type: none"> <li>- compare Data Definition Language (DDL) versus Data Manipulation Language (DML)</li> <li>- query relational data in Azure SQL Database, Azure Database for PostgreSQL, and Azure Database for MySQL</li> </ul>
<b>Describe how to work with non-relational data on Azure (25-30%)</b>	
Describe non-relational data workloads	<ul style="list-style-type: none"> <li>- describe the characteristics of non-relational data</li> <li>- describe the types of non-relational and NoSQL data</li> <li>- recommend the correct data store</li> <li>- determine when to use non-relational data</li> </ul>
Describe non-relational data offerings on Azure	<ul style="list-style-type: none"> <li>- identify Azure data services for non-relational workloads</li> <li>- describe Azure Cosmos DB APIs</li> <li>- describe Azure Table storage</li> <li>- describe Azure Blob storage</li> <li>- describe Azure File storage</li> </ul>
Identify basic management tasks for non-relational data	<ul style="list-style-type: none"> <li>- describe provisioning and deployment of non-relational data services</li> <li>- describe method for deployment including the Azure portal, Azure Resource Manager templates, Azure PowerShell, and the Azure command-line interface (CLI)</li> <li>- identify data security components (e.g., firewall, authentication, encryption)</li> <li>- identify basic connectivity issues (e.g., accessing from on-premises, access with Azure VNets, access from Internet, authentication, firewalls)</li> <li>- identify management tools for non-relational data</li> </ul>
<b>Describe an analytics workload on Azure (25-30%)</b>	

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## DP-900 Practice Test Online, Valid DP-900 Exam Prep

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## Microsoft Azure Data Fundamentals Sample Questions (Q163-Q168):

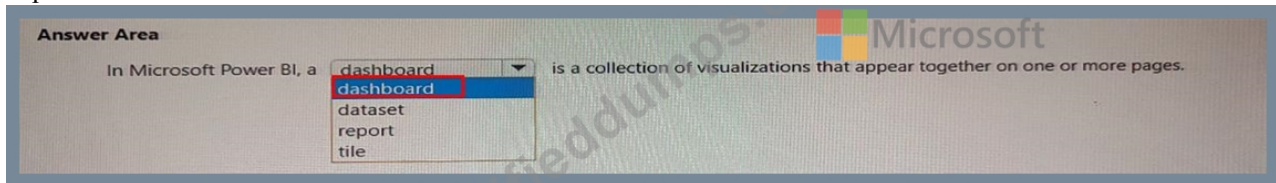
### NEW QUESTION # 163

Select the answer that correctly completes the sentence.



**Answer:**

**Explanation:**



### NEW QUESTION # 164

Select the answer that correctly completes the sentence.



**Answer:**

**Explanation:**



### NEW QUESTION # 165

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



**Answer:**

**Explanation:**

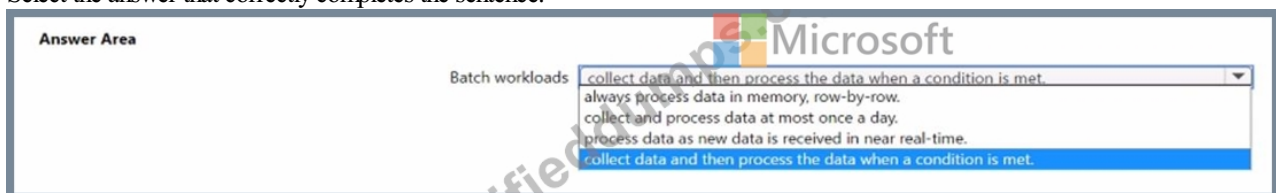


**Reference:**

<https://towardsdatascience.com/choosing-the-right-database-c45cd3a28f77>

### NEW QUESTION # 166

Select the answer that correctly completes the sentence.



**Answer:**

Explanation:

Answer Area

Microsoft

Batch workloads

- collect data and then process the data when a condition is met.
- always process data in memory, row-by-row.
- collect and process data at most once a day.
- process data as new data is received in near real-time.
- collect data and then process the data when a condition is met.

### NEW QUESTION # 167

Match the Azure services to the appropriate requirements.

To answer, drag the appropriate service 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.

Services

Answer Area

Microsoft

Azure Data Factory

Azure Data Lake Storage

Azure SQL Database

Azure Synapse Analytics

Service

Service

Service

Output data to Parquet format

Store data that is in Parquet format

Persist a tabular representation of data that is stored in Parquet format

Answer:

Explanation:

Services

Answer Area

Microsoft

Azure Data Factory

Azure Data Lake Storage

Azure SQL Database

Azure Synapse Analytics

Azure Data Factory

Azure Data Lake Storage

Azure Synapse Analytics

Output data to Parquet format

Store data that is in Parquet format

Persist a tabular representation of data that is stored in Parquet format

Explanation

Microsoft

Azure Data Factory

Azure Data Lake Storage

Azure Synapse Analytics

Output data to Parquet format

Store data that is in Parquet format

Persist a tabular representation of data that is stored in Parquet format

Box 1: Azure Data Factory

Box 2: Azure Data Lake Storage

Azure Data Lake Storage (ADLA) now natively supports Parquet files. ADLA adds a public preview of the native extractor and outputter for the popular Parquet file format

### NEW QUESTION # 168

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The Microsoft Azure Data Fundamentals (DP-900) questions are in use by many customers currently, and they are preparing for their best future daily. Even the students who used it in the past to prepare for the Microsoft DP-900 Certification Exam have rated our practice questions as one of the best. You will receive updates till 365 days after your purchase, and there is a 24/7 support system that assists you whenever you are stuck in any problem or issues.

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