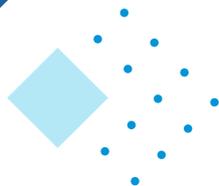# Practice Questions Edition'22

Prepare Yourself for **DP-900** Exam: Microsoft Azure Data Fundamentals

Enter

Hello learners!

The DP-900 course training teaches you the fundamentals of database concepts in a cloud environment, equips you with basic skilling in cloud data services, and helps build foundational knowledge of cloud data services within Microsoft Azure. This training will also help you identify and describe core data concepts such as relational, non-relational, big data, and analytics, and explore how this technology is implemented with Microsoft Azure.

The Azure Data Fundamentals training and certification can be used to prepare for other Azure role-based certifications like Azure Database Administrator Associate or Azure Data Engineer Associate, but it's not a prerequisite for any of them.

Here are the practice questions for you to test yourself!

Here goes the Quiz

1　Your company needs a person to query the data stored in Azure SQL Database. Who do you think should do the task?

Select one:

A. AI Engineer

B. Data Engineer

C. Data Scientist

D. Database Administrator

- -

2　Your company needs to integrate chatbot that will respond to customers queries automatically on the company's website. Who should perform this task?

Select one:

A. AI Engineer

B. Data Engineer

C. Data Scientist

D. Database Administrator

- -

3　Which among the following statement(s) is/are true with respect to Azure SQL database?

Select one:

A. You must apply patches to the Azure SQL Databases regularly

B. You need a Microsoft 365 subscription to create an Azure SQL Database

C. You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.

D. None of the above

Here goes the Quiz

4 Which of the following Azure Service uses the ARS (Atom Record Sequence) to store the data?

Select one:

A. Azure File Storage

B. Azure Cosmos DB

C. Azure Synapse Analytics

D. Azure Data Factory

- -

5 In an Azure Data Factory, you can use _____ to orchestrate the pipeline.

Select one:

A. An Activity

B. An Integration Runtime

C. A Control Flow

D. A Dataset

- -

6 You need to ensure that users use multi-factor authentication (MFA) when connecting to an Azure SQL database. Which type of authentication would you use?

Select one:

A. service principal authentication

B. Azure Active Directory (Azure AD) authentication

C. SQL authentication

D. certificate authentication

Here goes the Quiz

7 The organization needs to store employees' personal detail in a format which cannot be read easily by anyone. To read the data, the person would need a key. What will be the category into which this data will fall into?
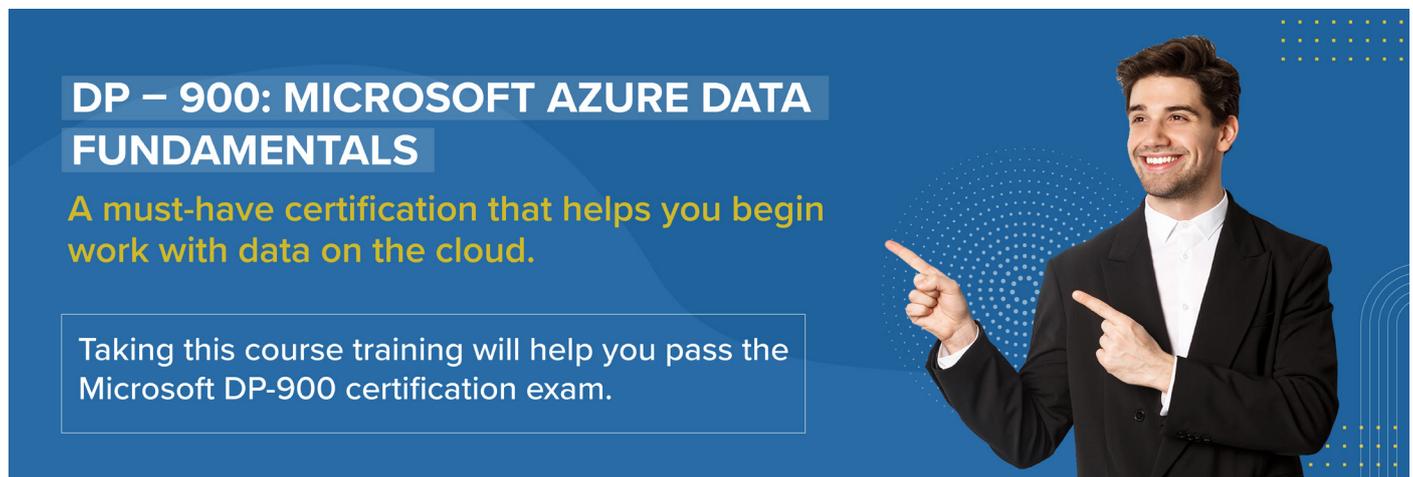
Select one:

A. Batch data

B. Streaming data

C. Encrypted data

D. Semi structured data

DP – 900: MICROSOFT AZURE DATA FUNDAMENTALS

A must-have certification that helps you begin work with data on the cloud.

Taking this course training will help you pass the Microsoft DP-900 certification exam.

8 There is temperature sensor in a factory that needs to send temperature data continuously to the system to be processed further in real time. Which of the following best categorizes the data?

Select one:

A. Batch data

B. Streaming data

C. Encrypted data

D. Semi structured data

Here goes the Quiz

9 Which among the following statements is true with respect to ETL process?

Select one:

A. ETL process reduces the resource contention on the source systems.

B. ETL process have very high load times

C. ETL process have low load times

D. ETL process require target systems to transform the data being loaded.

---

10 Which API of cosmos DB can be used to work with data which has many different entities that share relationship?

Select one:

A. MongoDB

B. Cassandra DB

C. Table

D. Gremlin

Check out the answers below:

1	D
2	A
3	C
4	B
5	C
6	B
7	C
8	B
9	C
10	D

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Disclaimer: These questions are NOT appearing in the certification exam. CloudThat does not have any official tie-up with Microsoft regarding the certification or the kind of questions asked. These are the best guesses for the kind of questions to expect with Microsoft in general and with the examination.

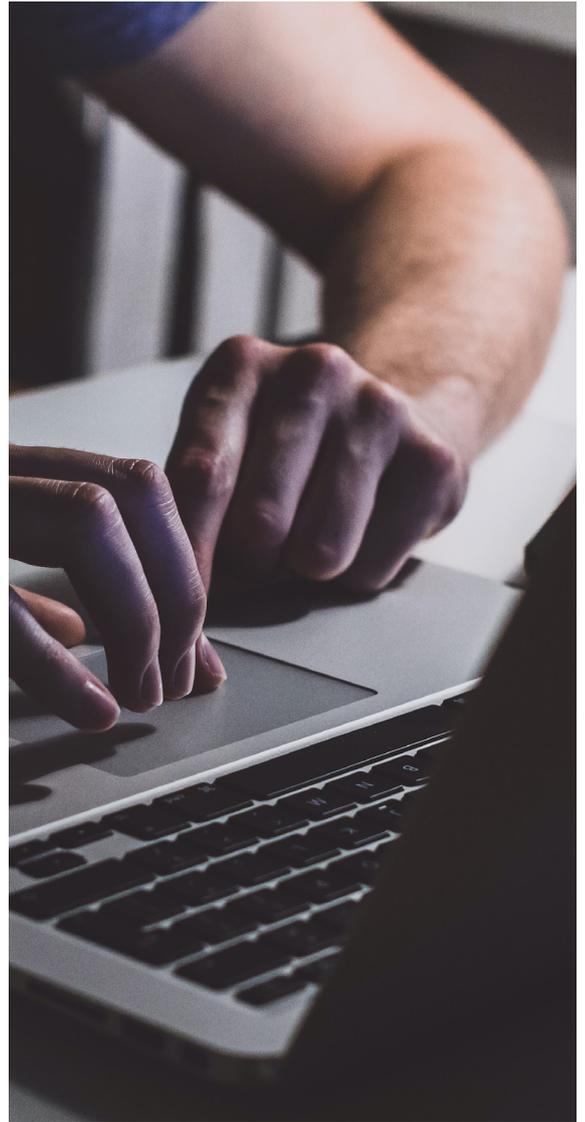### Additional resources to support your preparation:

Click here **to enrol for DP-900 Course.**

About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Founded by Bhavesh Goswami, an ex-Amazonian with more than 10 years of experience in Cloud computing space, CloudThat has been empowering tech professionals with best-in-class training and consulting services.

Since, our inception in 2012, we have trained over 350K IT professionals from Fortune 500 companies on technologies such as Microsoft Azure, Amazon Web Services, Artificial Intelligence, Machine Learning, Google Cloud, IoT, OpenStack, OpenShift, DevOps, MongoDB, Big Data and more. We have global presence with offices in Bengaluru, Mumbai, UK, and the USA.

Over the years, CloudThat has proven its excellence in the field and has recently been recognized as the winner of Microsoft 2020 Global Partner of the Year Finalist award. With expertise in major Cloud platforms, CloudThat is a proud Microsoft Gold Partner, AWS Advanced Consulting Partner, Google Cloud Platform Partner, and Databricks Partner.

Build your career with CloudThat

We are Microsoft Gold Partner and the winner of Microsoft Learning Partner Year Finalist award, 2020.

CloudThat CEO is the MCT Regional Lead for India.

Till date CloudThat has trained more than 350K+ professionals in VILT & ILT modes.

We are a dynamic team of Microsoft certified trainers and professionals.

We have attended to the training and consulting needs of more than 100 clients.

We offer 200+ cloud certifications in emerging technologies.

Our training modules are equipped with 50%-60% hands-on labs sessions.

Best of luck!

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