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AZ 900

20 Questions

Microsoft Documentation

Exam Tips

165 question covered in previous parts.

00:01:03

AZ 900: Questions and Answers – Part 10

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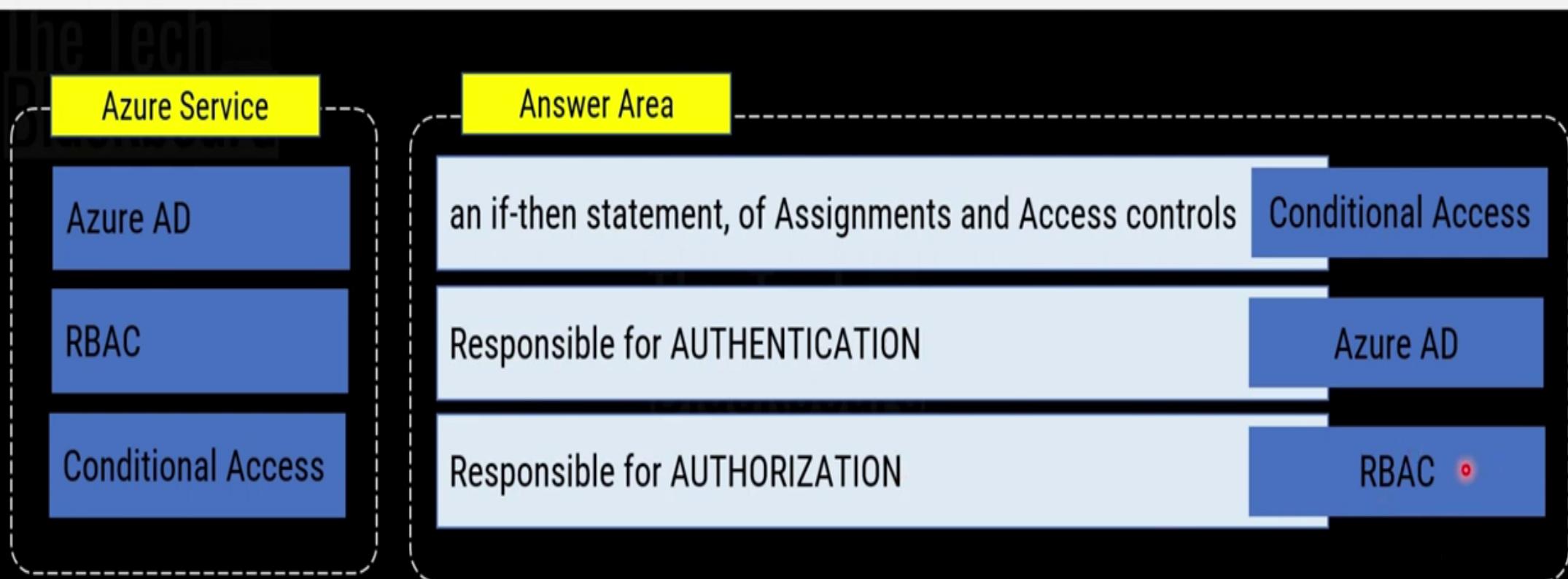
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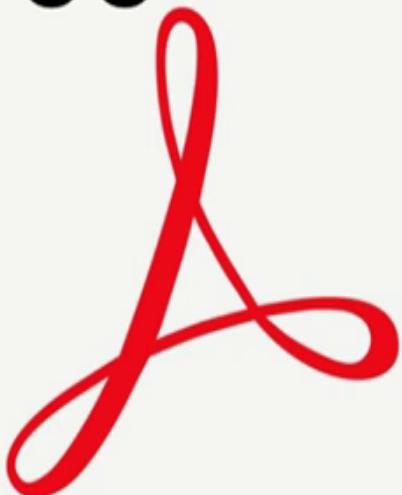
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Q166: To answer, drag the appropriate benefit from the column on the left to its description on the right. Each benefit may be used once, more than once, or not at all.



Free



PDF

169

173

183

connectus@thetechblackboard.com

Azure

Virtual Machines VS **Containers**

17




Azure

Virtual Machines

Containers

MICROSOFT CERTIFIED FUNDAMENTALS

AZ 900 FULL COURSE

Cloud Computing Models

Cloud Deployment Models

: Part 3 :



AZ-900

Azure ★

Virtual Machines

14



VM

Azure

Virtual Machines

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Azure Fundamentals

Learn Azure Step by Step

Part-8




to subscribe to an Azure support plan. The support plan must allow for new opened. Which of the following are support plans that will allow this?

Select the correct option from the list to the answer area. Select and Place:

Options

Basic

DEVELOPER

STANDARD

PROFESSIONAL
DIRECT

PREMIER

Answer

Basic

DEVELOPER

STANDARD

PROFESSIONAL
DIRECT

Compare support plans

Explore the range of Azure support options and choose the plan that best fits, whether you're a developer just starting your cloud journey or a large organization deploying business-critical, strategic applications.



If you're looking for a comprehensive, organization-wide support plan that includes Azure, Microsoft 365, and Dynamics 365, explore [support for business](#).

	Basic	DEVELOPER	STANDARD	PROFESSIONAL DIRECT
	Request Support	Purchase Support	Purchase Support	Purchase Support

PRICE

Included for
all Azure

\$29 per month

\$100 per month

\$1,000 per month

...sive, organization-wide support plan that includes Azure, Microsoft 365, and Dynamics 365, explore [support for business](#).

Basic	DEVELOPER	STANDARD	PROFESSIONAL DIRECT
Request Support	Purchase Support	Purchase Support	Purchase Support
Included for all Azure customers	\$29 per month	\$100 per month	\$1,000 per month
Included for all Azure customers	Trial and non-production environments	Production workload environments	Business-critical dependence

Q168: To answer, drag the appropriate benefit from the column on the left to its description on the right. Each benefit may be used once, more than once, or not at all.

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Azure Service	Answer Area
Dynamic scalability	A cloud service that remains available after a failure occurs
Low latency	A cloud service that can be recovered after a failure occurs
Fault tolerance	A cloud service that can be accessed quickly from the internet
Disaster recovery	A cloud service that performs quickly when demand increases



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Dynamic scalability

Dynamic scalability is the ability for compute resources to be added to a service when the service is under heavy load. For example, in a virtual machine scale set, additional instances of the virtual machine are added when the existing virtual machines are under heavy load.

Low latency

Latency is the time a service to respond to requests. For example, the time it takes for a web page to be returned from a web server. Low latency means low response time which means a quicker response.

Fault tolerance

Fault tolerance is the ability of a service to remain available after a failure of one of the components of the service. For example, a service running on multiple servers can withstand the failure of one of the servers.

Disaster recovery

Disaster recovery is the recovery of a service after a failure. For example, restoring a virtual machine from backup after a virtual machine failure.

Q169: Your billing is based on your usage of Azure resources and is invoiced _____

- a) Annually
- b) Monthly
- c) Daily

Q170: A company is planning on setting up a solution in Microsoft Azure. The solution would have the following key requirement:

Gives the ability to host a big data analysis service for machine learning

Which of the following would be best suited for this requirement?

- a) Azure Databricks
- b) Azure Logic Apps
- c) Azure App Service
- d) Azure Application Insights

The screenshot shows a Microsoft Learn article page titled "What is Azure Databricks?". The page has a navigation bar at the top with links for Certifications, Q&A, Code Samples, Assessments, Shows, and Events. There is also a search bar and a sign-in link. Below the navigation bar, there are dropdown menus for Azure, Develop, and Resources. On the right side, there are buttons for "Portal" and "Free account". The main content area includes a breadcrumb trail (Learn / Azure / Azure Databricks /), a title "What is Azure Databricks?", a summary paragraph, and a "Feedback" button. To the right, there is a sidebar titled "In this article" with links to related topics like "Managed integration with open source" and "How does Azure Databricks work with Azure?". A "Show more" button is also present. The left side of the page features a vertical sidebar with navigation links for "Pipeline", "Gen2", and "Incognito".

on/

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What is Azure Databricks?

Article • 02/02/2023 • 6 minutes to read • 3 contributors

Feedback

The Azure Databricks Lakehouse Platform provides a unified set of tools for building, deploying, sharing, and maintaining enterprise-grade data solutions at scale. Azure Databricks integrates with cloud storage and security in your cloud account, and manages and deploys cloud infrastructure on your behalf.

In this article

- Managed integration with open source
- How does Azure Databricks work with Azure?
- What is Azure Databricks used for?
- What are common use cases for Azure Databricks?

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pipeline

Gen2

Incognito

Q171: A company is planning on setting up a solution in Microsoft Azure. The solution would have the following key requirement:

Give the ability to detect and diagnose anomalies in web apps

Which of the following would be best suited for this requirement?

- a) Azure Databricks
- b) Azure Logic Apps
- c) Azure App Service
- d) Azure Application Insights

Q171: A company is planning on setting up a solution in Microsoft Azure. The solution would have the following key requirement:

Give the ability to detect and diagnose anomalies in web apps

Which of the following would be best suited for this requirement?

- a) Azure Databricks
- b) Azure Logic Apps
- c) Azure App Service
- d) Azure Application Insights

Azure Application Insights is a feature of Azure Monitor. It is an extensible Application Performance Management (APM) service for web developers on multiple platforms. Use it to monitor your live web application. It will automatically detect performance anomalies. It includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app. It helps you continuously improve performance and usability. It works for apps on a wide variety of platforms including .NET, Node.js and Java EE, hosted on-premises, hybrid, or any public cloud.

Q172: A company is planning on setting up a solution in Microsoft Azure. The solution would have the following key requirement:

Allows the hosting of web-based applications

Which of the following would be best suited for this requirement?

- a) Azure Databricks
- b) Azure Logic Apps
- c) Azure App Service
- d) Azure Application Insights

Q173: A company wants to host an application on a set of Virtual Machines. The application must be made available 99.99% of the time.

In order to comply with the SLA requirement, what is the minimum number of Virtual Machines required to ensure 99.99% up time to host the application?

- 1
- 2
- 3
- As much as possible

Q174: A company is planning on hosting solutions within Microsoft Azure Cloud. They need to implement MFA for identities hosted in Microsoft Azure.

There are only two valid ways of authentications for MFA as listed below:

- Picture Identification
- Passport Number

Is the above true or false?

<input type="button" value="True"/>	<input checked="" type="button" value="False"/>
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Filter by title

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Enable cloud sync password writeback

Enable password writeback to on-premises

Configure custom banned password lists

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Data residency

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How it works: Azure AD Multi-Factor Authentication

Article • 01/30/2023 • 2 minutes to read • 12 contributors

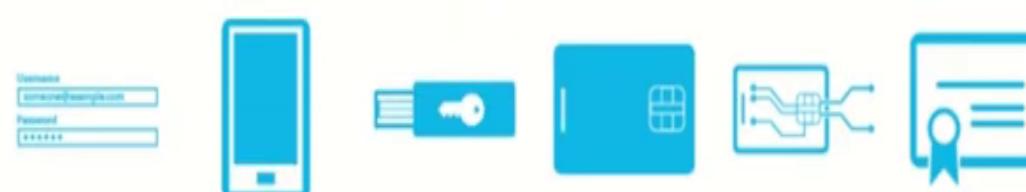
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In this article

[Available verification methods](#)[How to enable and use Azure AD Multi-Factor Authentication](#)[Next steps](#)

Multi-factor authentication is a process in which users are prompted during the sign-in process for an additional form of identification, such as a code on their cellphone or a fingerprint scan.

If you only use a password to authenticate a user, it leaves an insecure vector for attack. If the password is weak or has been exposed elsewhere, an attacker could be using it to gain access. When you require a second form of authentication, security is increased because this additional factor isn't something that's easy for an attacker to obtain or duplicate.



Azure AD Multi-Factor Authentication works by requiring two or more of the following authentication methods:

- Something you know, typically a password.

Training

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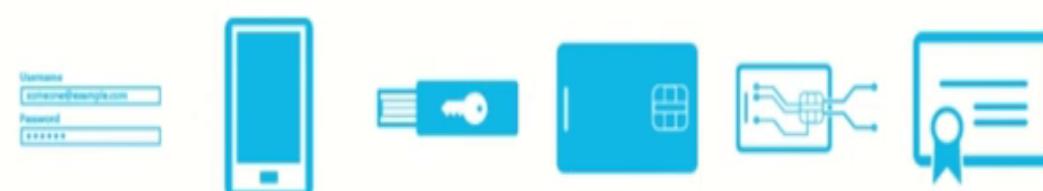
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How to enable and use Azure AD Multi-Factor Authentication

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Azure AD Multi-Factor Authentication can also further secure password reset. When users register themselves for Azure AD Multi-Factor Authentication, they can also register for self-service password reset in one step. Administrators can choose forms of secondary authentication and configure challenges for MFA based on configuration decisions.

You don't need to change apps and services to use Azure AD Multi-Factor Authentication. The

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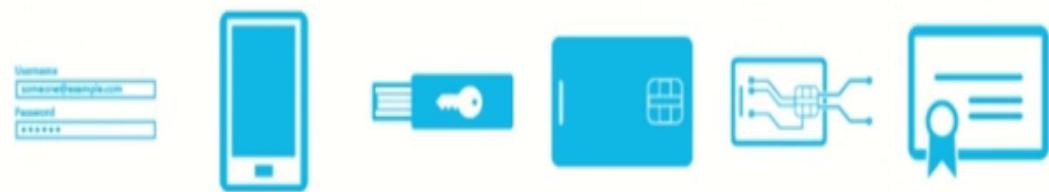
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You don't need to change apps and services to use Azure AD Multi-Factor Authentication. The verification prompts are part of the Azure AD sign-in, which automatically requests and processes the MFA challenge when needed.

Learn about deployment considerations and strategy for successful implementation of Azure AD Multi-Factor Authentication

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- Passport Number

Is the above true or false?

<input type="radio"/> True	<input checked="" type="radio"/> False
----------------------------	--



Q175: A company plans on purchasing a Microsoft Azure Support plan.

Below is a key requirement for the support plan:

- Provide an option to contact Microsoft support engineers by phone or email during business hours.

A recommendation is made to purchase the Basic Support plan. Would this recommendation fulfill the requirement?

True

False

Q176:**Statement****Yes****No**

a) To implement a hybrid cloud model, a company must have an internal network.

b) A company can extend the computing resources of its internal network by using a hybrid cloud.

c) In a public cloud model, only guest users at your company can access the resources in the cloud.

The Blackboard logo, consisting of the word "Blackboard" in a bold, sans-serif font, with each letter partially enclosed in a vertical rectangle.

Q177: When you are implementing a Software as a Service (SaaS) solution, you are responsible for:

- a) configuring high availability.
- b) defining scalability rules.
- c) installing the SaaS solution.
- d) configuring the SaaS solution.**

Example of SaaS is email services:

So just configure your email, everything else is taken care by email providers, such as GMAIL or OUTLOOK.

Q178: You plan to migrate a web application to Azure. The web application is accessed by external users. You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application.

What should you include in the recommendation?

- a) Software as a Service (SaaS)
- b) Platform as a Service (PaaS)
- c) Infrastructure as a Service (IaaS)
- d) Database as a Service (DaaS)

Q179: You plan to migrate several servers from an on-premises network to Azure. What is an advantage of using a public cloud service for the servers over an on-premises network?

- a) The public cloud is owned by the public, NOT a private corporation
- b) The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud
- c) All public cloud resources can be freely accessed by every member of the public
- d) The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

Q180: You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center. You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription. You need to identify which expenditure model to use for the planned Azure solution.

Which expenditure model should you identify?

- a) Operational
- b) elastic
- c) capital
- d) scalable

Q181: Azure Cosmos DB is an example of _____ offering

- a) platform as a service (PaaS)
- b) infrastructure as a service (IaaS)
- c) serverless
- d) software as a service (SaaS)

Q182: A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure is an example of _____

- a) disaster recovery as a service (DRaaS).
- b) infrastructure as a service (IaaS).
- c) platform as a service (PaaS). (Correct)
- d) software as a service (SaaS).

Q183: Your company plans to migrate all its data and resources to Azure. The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure. You need to deploy an Azure environment that meets the company's migration plan. **What should you create?**

- a) Azure virtual machines, Azure SQL databases, and Azure Storage accounts.
- b) an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.
- c) an Azure App Service and Azure SQL databases.
- d) Azure storage account and web server in Azure virtual machines.

Q184: You are required to deploy an Artificial Intelligence (AI) solution in Azure. You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Cosmos DB

Does the solution meet the goal?

 True False

Q185: You are required to deploy an Artificial Intelligence (AI) solution in Azure. You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

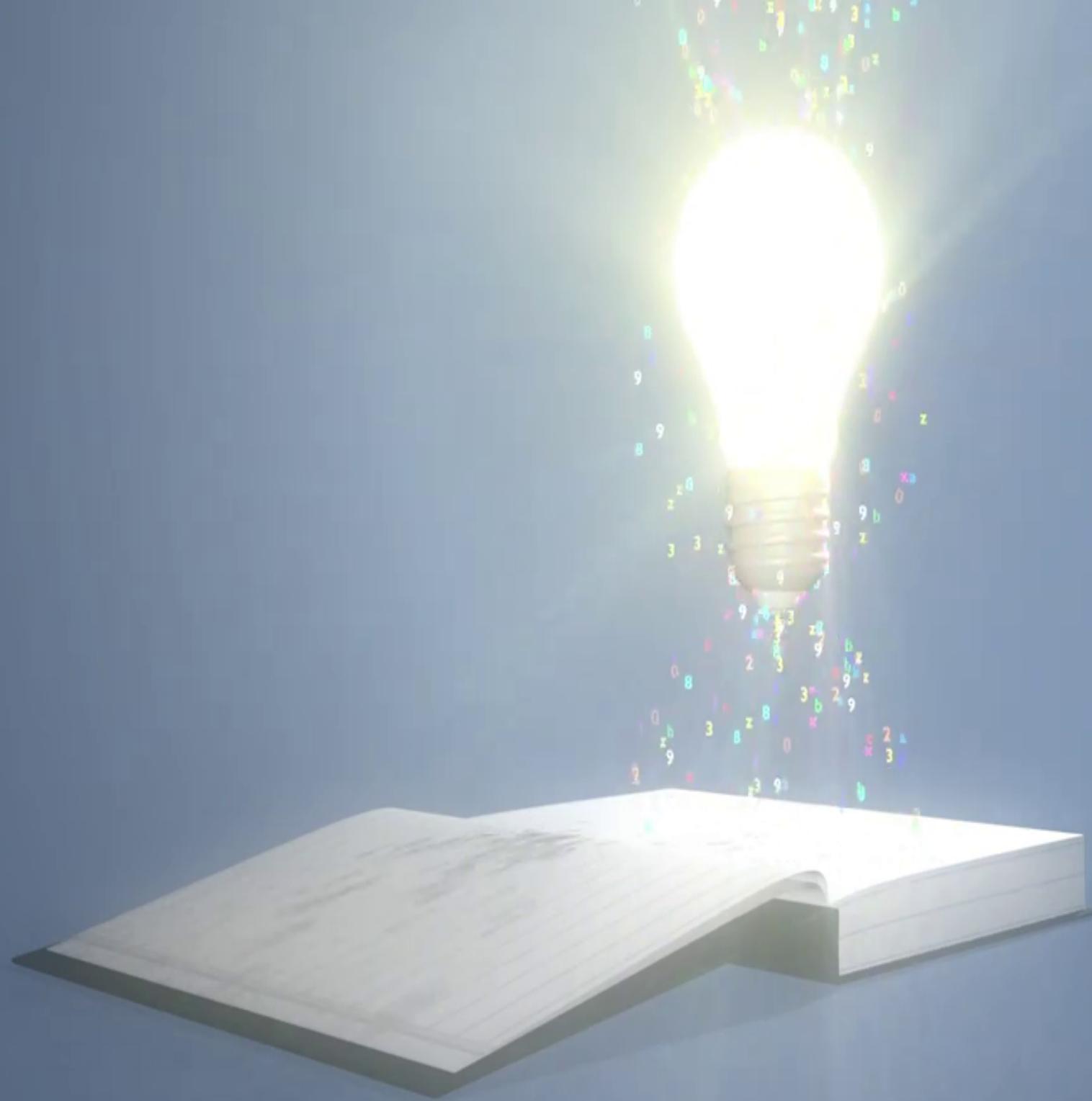
Solution: You should make use of Azure Machine Learning Studio.

Does the solution meet the goal?

True

False

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00:21:15

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