



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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## Test prep

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1. **Artificial Intelligence (AI) is a broad classification of computing that allows a software system to perceive its environment and take action that maximizes its chance of successfully achieving its goals. A goal of AI is to create a software system that is able to adapt or learn something on its own without being explicitly programmed to do it.**

1 / 1 point

One approach to AI is a technique that uses existing data to train and test a model, then apply that model to new data to forecast future behaviors, outcomes, and trends. What is this referred to as?

- ☐ Deep Learning
- ☒ Machine Learning

✓ **Correct**

Machine learning, which is a data science technique uses existing data to train and test a model, then apply that model to new data to forecast future behaviors, outcomes, and trends.

2. **There are three primary AI offerings from Microsoft Azure, each of which are designed for a specific audience and use case. Which of the following is a feature of Azure Cognitive Services?**

1 / 1 point

Select all options that apply.

- ☒ The ability to add recognition and identification capabilities when analyzing pictures, videos, and other visual content.

✓ **Correct**

Vision services provides the ability to add recognition and identification capabilities when analyzing pictures, videos, and other visual content.

- ☒ The ability to convert speech into text and text into natural-sounding speech. Translate from one language to another and enable speaker verification and recognition.

✓ **Correct**

Speech services is a feature of Azure Cognitive Services that allow the conversion of speech into text and text into natural-sounding speech.

- ☐ The ability to create virtual agents that understand and reply to questions just like a human.
- ☐ The ability to train and evaluate predictive models using tools and programming languages familiar to data scientists.

3. **Your organization requires the following Azure Features:  
Pre-built machine learning models that enable applications to see, hear, speak, understand.**

1 / 1 point

Which service should they avail of?

- ☐ Azure Machine Learning
- ☒ Azure Cognitive Services
- ☐ Azure Bot Service

✓ **Correct**

Azure Cognitive Services provides pre-built machine learning models that enable applications to see, hear, speak, understand, and even begin to reason.

4. **Which of the following provides an automated means of managing the process of building, setting up, and tearing down Virtual Machines?**

1 / 1 point

- ☐ GitHub and GitHub Actions
- ☐ Azure DevOps Services
- ☒ Azure DevTest Labs

✓ **Correct**

Azure DevTest Labs provides an automated means of managing the process of building, setting up, and tearing down Virtual Machines.

5. Your company wants to implement a structured project management and reporting solution in Azure cloud services. Which of the following do you think is the most suitable solution to implement?

1 / 1 point

- ☒ Azure DevOps Services
- ☐ Azure DevTest Labs
- ☐ GitHub and GitHub Actions



**Correct**

Given the nature of this project, requires a sophisticated project management and reporting solution which Azure DevOps is ideal for.