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1. What is Custom Vision?

1 / 1 point

- ☒ An Azure Cognitive Service that enables developers to create custom image recognition models without the need for extensive machine learning expertise.
- ☐ An Azure Cognitive Service that enables developers to add natural language understanding to their applications.
- ☐ An Azure Cognitive Service that enables developers to add speech-to-text, text-to-speech, and speaker recognition capabilities to their applications.
- ☐ An Azure Cognitive Service that provides Natural Language Processing (NLP) features to provide recommendations for informed and efficient decision-making.

✓ **Correct**

Custom Vision is an Azure Cognitive Service that allows developers to create custom image recognition models without the need for extensive machine learning expertise. This service is designed to help developers create custom image classifiers that can be easily integrated into their applications

Please Refer to "What are cognitive services?theo" for more information.

2. Which subsection under Azure Cognitive Services deals with vision solutions?

1 / 1 point

- ☐ Speech
- ☐ Language
- ☐ Decision
- ☒ Vision

✓ **Correct**

Vision is the subsection that deals with vision solutions Please Refer to "Cognitive Services for a Vision Solution-demo" for more information.

3. What task in NLP involves providing answers to natural language questions done by users?

1 / 1 point

- ☐ Information retrieval
- ☐ Sentiment analysis
- ☒ Question answering
- ☐ Text generation

✓ **Correct**

Question answering provides answers to natural language questions done by users. Please Refer to "Cognitive Services for a Language Analysis Solution-Demo" for more information.

4. What is the goal of Personalizer service?

1 / 1 point

- ☐ To identify successful content
- ☐ To review human behavior
- ☒ To assist developers in creating applications that provide a personalized experience for their users
- ☐ To detect adult content in videos

✓ **Correct**

The goal of Personalized service is to assist developers in creating applications that provide a personalized experience for their users.

Please Refer to "Cognitive Services for a Decision Support Solution-Demo" for more information.

5. Which button do you click to create a new Azure resource?

1 / 1 point

- ☐ Choose AI Resource Type
- ☐ Select AI Resource
- ☐ Sign In

☒ Create a resource

✓ **Correct**

To create a new Azure resource you click on the button: Create a resource

Please Refer to "Create an Azure AI resource-theo" for more information.

6. What is the first step in creating an Azure Cognitive Services resource?

1 / 1 point

- ☐ Install the Azure SDK on your local machine
- ☐ Purchase and install a third-party AI service
- ☒ Navigate to the Azure Portal
- ☐ Write custom APIs and machine learning models from scratch

✓ **Correct**

The first step in creating an Azure Cognitive Services resource is to Navigate to the Azure Portal

Please Refer to "Create an azure AI resource-Demo" for more information.

7. What can diagnostic logging help you with?

1 / 1 point

- ☐ Modify resource templates
- ☒ Troubleshoot issues
- ☐ Delete existing resources
- ☐ Generate new resources

✓ **Correct**

Diagnostic logging can help you with troubleshoot issues

Please Refer to "Configure diagnostic logging-theo" for more information.

8. Which option allows you to view logs from your Cognitive Service?

1 / 1 point

- ☐ Partner Solution
- ☐ Event Hub
- ☒ Log Analytics Workspace
- ☐ Storage Account

✓ **Correct**

Log Analytics Workspace allows you to view logs from your Cognitive Service. Please Refer to "Configure diagnostic logging-Demo" for more information.

9. What benefits can one derive from using the Anomaly Detector service?

1 / 1 point

- ☒ Early detection of anomalies and prevention of system failure
- ☐ Increased system complexity
- ☐ Higher data privacy
- ☐ Cost savings

✓ **Correct**

Early detection of anomalies and prevention of system failure is a benefit from using the Anomaly Detector service Please Refer to "Anomaly Detector-demo" for more information.

10. What is the Anomaly Detector service?

1 / 1 point

- ☐ A tool to enhance system performance
- ☐ A tool to protect data privacy
- ☐ A tool to automate data analysis
- ☒ A tool to detect anomalies in data

✓ **Correct**

Anomaly Detector service is a tool to detect anomalies in data Please Refer to "Anomaly Detector-demo" for more information.

11. What is Anomaly Detector?

1 / 1 point

- ☐ A data storage tool in Azure
- ☐ A cloud computing service
- ☐ An API for authentication
- ☒ A pre-built cognitive service that uses machine learning algorithms to detect anomalies in time-series data

✓ **Correct**

Anomaly Detector is a pre-built cognitive service that uses machine learning algorithms to detect anomalies in time-series data

Please Refer to "Anomaly Detector-theo" for more information.

12. What are some scenarios in which Anomaly Detector can be used?

1 / 1 point

- ☐ Cybersecurity, emergency response, healthcare
- ☐ weather forecasting, transportation, agriculture
- ☐ Social media analysis, gaming, e-commerce
- ☒ Financial fraud detection, predictive maintenance, quality control

✓ **Correct**

Anomaly Detector can be used in financial fraud detection, predictive maintenance, quality control

Please Refer to "Anomaly Detector-theo" for more information.