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1. Why is managing account keys and authentication important?

1 / 1 point

- ☒ To maintain security and control over your resources
- ☐ To improve the quality of cognitive services
- ☐ To increase the number of users accessing cognitive services
- ☐ To save time on authorization

✓ Correct

Managing account keys and authentication is important to maintain security and control over your resources

Please refer to "Manage account keys and authentication-Demo" for more information.

2. What are containers?

1 / 1 point

- ☐ Virtual machines
- ☐ Servers
- ☐ Applications
- ☒ Lightweight, standalone, and executable packages of software that include all the necessary components such as libraries, frameworks, and runtime environments

✓ Correct

Containers are lightweight, standalone, and executable packages of software that include all the necessary components such as libraries, frameworks, and runtime environments

Please refer to "Working with Containers-demo" for more information.

3. What is Azure Content Moderator?

1 / 1 point

- ☒ A cloud-based content moderation service
- ☐ A machine learning platform
- ☐ An image editing software
- ☐ A social media application

✓ Correct

Azure Content Moderator is a cloud-based content moderation service

Please Refer to "Azure Content Moderator-theo" for more information.

4. Which feature can be used to extract and categorize email, phone, and IP address from a sentence?

1 / 1 point

- ☐ Adobe Photoshop
- ☒ PII feature of the Content Moderator service
- ☐ Google translate
- ☐ Microsoft Office

✓ Correct

PII feature of the Content Moderator service can be used to extract and categorize email, phone, and IP address from a sentence

Please Refer to the "Azure content moderator demo" for more information.

5. What is the advantage of learning from historical data?

1 / 1 point

- ☐ Creating inaccuracies while detecting anomalies
- ☒ Accurately detecting anomalies moving forward
- ☐ Not having the real-time data to detect anomalies
- ☐ It increases the possibility of human error



Correct

Accurately detecting anomalies moving forward is the advantage of learning from historical data

Please Refer to "Azure Metrics Advisor-theo" for more information.

6. Which Azure Applied AI Service provides a tool to read text aloud using AI?

1 / 1 point

- ☐ Azure Cognitive Services
- ☒ Immersive Reader
- ☐ Azure Analytics Services
- ☐ Azure Machine Learning



Correct

Immersive Reader Provides a tool to read text aloud using AI

Please Refer to "Azure Immersive Reader" for more information.

7. Which type of platforms can use Azure Immersive Reader?

1 / 1 point

- ☐ Food and recipes websites
- ☐ Social media platforms
- ☐ Gaming platforms
- ☒ E-learning platforms, educational software, and productivity tools



Correct

E-learning platforms, educational software, and productivity tools can use Azure Immersive Reader

Please Refer to "Azure Immersive Reader-theo" for more information.

8. What should you click on to start training your custom image analysis model?

1 / 1 point

- ☐ Validate
- ☒ Train
- ☐ Audit
- ☐ Test



Correct

You should click on Train to start training your custom image analysis model Please Refer to "Creating and Training a Custom Model demo" for more information.

9. Which type of model is used to classify data into different categories?

1 / 1 point

- ☒ Classification models
- ☐ Association rule learning models
- ☐ Regression models
- ☐ Clustering models



Correct

Classification models are used to classify data into different categories

Please refer to "Creating a Custom Model" for more information.

10. What is the purpose of the code snippet provided?

0 / 1 point

```
var voices = new Dictionary<string, string>
{
    ["fr"] = "fr-FR-HenriNeural",
    ["es"] = "es-ES-ElviraNeural",
    ["hi"] = "hi-IN-MadhurNeural"
};

speechConfig.SpeechSynthesisVoiceName = voices[targetLanguage];
```

```
using SpeechSynthesizer speechSynthesizer = new SpeechSynthesizer(speechConfig);  
SpeechSynthesisResult speak = await speechSynthesizer.SpeakTextAsync(translation);
```

```
if (speak.Reason != ResultReason.SynthesizingAudioCompleted)  
{  
    Console.WriteLine(speak.Reason);  
}
```

- ☐ It initializes a speech synthesizer with the specified speech configuration.
- ☐ It checks the reason for the incompleteness of speech synthesis.
- ☐ It defines a dictionary of voices for different target languages.
- ☒ It synthesizes speech from the translated text using the selected voice.

 **Incorrect**

This option is incorrect. While the code snippet synthesizes speech from the translated text, it doesn't represent the main purpose of the code.

For more information, please refer to the video lecture. Please refer to "Translate Speech to Speech - Configuring Speech Recognition and Synthesis" for more information.

11. What role does feature engineering play in optimizing a LUIS model?

1 / 1 point

- ☐ Selecting the best algorithm for training the model
- ☐ Evaluating the performance of the model
- ☐ Preprocessing the input data
- ☒ Identifying relevant features to enhance model understanding and prediction

 **Correct**

Correct. Feature engineering involves identifying relevant features from the input data that can enhance the model's understanding and prediction capabilities. This step plays a vital role in optimizing a LUIS model.

For more information, please refer to the video lecture "For more information, please refer to the video lecture. Please refer to "Build and Manage a Language Understanding Model - Optimize a Language Understanding Model" for more information.

12. Which of the following statements about the LUIS command-line interface (CLI) is true?

1 / 1 point

- ☒ The CLI allows developers to export a LUIS model to a JSON file by specifying the model ID and path.
- ☐ The CLI can only import LUIS models from a JSON file.
- ☐ The CLI can only be used to export LUIS models to a CSV file.
- ☐ The CLI cannot be used for managing LUIS apps.

 **Correct**

Correct. The statement is true. The LUIS CLI provides the capability to export a LUIS model to a JSON file by specifying the model ID and the desired path.

For more information, please refer to the video lecture "For more information, please refer to the video lecture. Please refer to "Build and Manage a Language Understanding Model- Import and Export Language Understand" for more information.

13. What is the purpose of clicking on "+Add" and typing "GetDate" in the "Intent name" section?

1 / 1 point

- ☐ Rename an existing intent to "GetDate."
- ☒ Add a new intent named "GetDate."
- ☐ Delete an existing intent named "GetDate."
- ☐ Open an existing intent named "GetDate."

 **Correct**

This option is correct. Clicking on "+Add" and typing "GetDate" in the "Intent name" section allows you to add a new intent with the name "GetDate." The newly added intent will then appear in the list. please refer to "Creating a Conversational Language Model - Creating Language Service Resource & Conversation Understanding Project" for more information.

14. How can you check the status and detailed information of a training job in progress?

1 / 1 point

- ☐ Click on the Training Job ID list and select the specific training job.

 Click on the Training Job ID list and select the specific training job.

- ☐ Wait for an email notification about the training job status.
- ☐ Refresh the page until the training job status changes.
- ☐ Contact customer support for the status update.

 **Correct**

This option is correct. To check the status and detailed information of a training job in progress, you need to click on the Training Job ID list and select the specific training job you want to examine. The details will be displayed on the right-hand side of the screen. please refer to "Creating a Conversational Language Model - Creating a Schema Definition and Training a Conversational Language Model" for more information.

15. What is the top intent after updating the description to "What's the day today?" and rerunning the test?

1 / 1 point

- ☐ GetDate
- ☐ GetTime
- ☐ GetMonth
- ☒ GetDay

 **Correct**

Correct! Updating the description to "What's the day today?" and rerunning the test shows a top intent of GetDay with a confidence percentage of 98%. please refer to "Creating a Conversational Language Model - Conversational Language Model Training & Deployment with Performance Analysis" for more information.

16. What can you monitor on the Model Performance page in Azure?

1 / 1 point

- ☒ Training progress and accuracy metrics
- ☐ Data labeling progress and quality metrics
- ☐ Resource utilization and cost metrics
- ☐ API usage and rate limits

 **Correct**

Correct. On the Model Performance page in Azure, you can monitor the training progress of your model and review accuracy metrics to assess its performance.

please refer to "Creating, deploying, and testing - Deploying and Testing Azure LUIS Conversational Language Understanding Project" for more information.

17. In Azure, what is the purpose of schema definition?

1 / 1 point

- ☐ To define the structure of a database for storing user data in Azure.
- ☒ To add intents and entities to your schema. Intents represent tasks or actions the user wants to perform, while entities are relevant terms that can be extracted to help fulfill the user's intent.
- ☐ To configure authentication and access control settings for Azure services.
- ☐ To create and manage virtual networks for secure communication between Azure resources.

 **Correct**

Correct. In Azure, the purpose of schema definition is to add intents and entities to your schema. Intents represent tasks or actions the user wants to perform, while entities are relevant terms that can be extracted to help fulfill the user's intent. This allows for effective natural language understanding and processing. please refer to "Creating, deploying, and testing - Creating a Conversational Language Understanding Project using Azure Language Studio" for more information.

18. In the data labeling page, what is the process for adding an utterance?

0 / 1 point

- ☐ Select an intent, provide an example, and label the information to extract as entities. Then create a model with the labeled data in training.
- ☐ First create a model with training data, and then label the utterances by selecting the intent and entities.
- ☒ Label the information to extract as entities, provide an example, and then select the intent for the utterance.
- ☐ Provide an example of what the user would say, and then select the intent and entities associated with that utterance.

 **Incorrect**

This option is incorrect. The correct order is to first select an intent, provide an example, and then label the associated entities. please refer to "Creating, deploying, and testing - Creating a Conversational Language Understanding Project using Azure Language Studio" for more information.

