✓ **Congratulations! You passed!**

| Grade received 83.33% | Latest Submission Grade 83.33% | To pass 80% or higher | **Go to next item** |

---

1. What is the goal of sentiment analysis?   `1 / 1 point`

○ To identify the author of a text

○ To measure the readability of a document

◉ To determine the sentiment expressed in a piece of text

○ To analyze the grammatical structure of a sentence

> ✓ **Correct**
> Correct. The goal of sentiment analysis is to determine the sentiment expressed in a piece of text, whether it is positive, negative, or neutral. This helps organizations understand the overall sentiment of customers, users, or the general public toward their products, services, or brand.
>
> For more information, please refer to the video lecture "For more information, please refer to the video lecture "AI Enrichment Skills"

---

2. Which authentication methods can be used to secure outbound connections if Azure Active Directory (Azure AD) is available?   `0 / 1 point`

○ Database logins

◉ Key-based authentication

○ Azure AD logins

○ All of the above

> ⊗ **Incorrect**
> Incorrect. While key-based authentication can be used to secure outbound connections, it is not specifically mentioned in the given context of Azure Active Directory availability.
>
> For more information, please refer to the video lecture "For more information, please refer to the video lecture "Cognitive Exploring Inbound and Outbound Traffic Security Measures in Azure Cognitive Search"

---

3. Which reinforcement learning techniques can be employed to train the dialogue policy?   `1 / 1 point`

○ Both MDPs and DQNs

◉ Deep-Q Networks (DQNs)

○ None of the above

○ Markov Delegation Process (MDPs)

> ✓ **Correct**
> Correct! DQNs are reinforcement learning techniques that can be employed to train the dialogue policy.
>
> For more information, please refer to the video lecture "For more information, please refer to the video lecture "Exploring Multi-Turn Conversations and Context Management in Conversational Q&A Systems"

---

4. What is the role of the indexer in the indexing process?   `1 / 1 point`

○ Extracting data and metadata from the data source.

○ None of the above.

◉ Mapping the outputs from the skillset to fields in the index.

○ Driving the skillset to generate outputs.

> ✓ **Correct**
> Correct! The indexer is responsible for mapping the outputs from the skillset, along with the extracted data and metadata from the data source to fields in the index.
>
> For more information, please refer to the video lecture "For more information, please refer to the video lecture "Cognitive Search & AI Enrichment Skills - Exploring Search Components and Security Measures in Azure Cognitive Search"

---

5. What is the purpose of cognitive search?   `1 / 1 point`

○ None of the above.

○ Optimizing data for storage efficiency.

○ Enabling real-time data processing.

◉ Generating a searchable index based on enriched data.

> ✓ **Correct**
> Correct! Cognitive search generates a searchable index based on the enriched data. This index is designed to facilitate fast and efficient search operations.
>
> For more information, please refer to the video lecture "For more information, please refer to the video lecture "Cognitive Search & AI Enrichment Introduction"

6. When creating a rule in Azure, in the conditions tab, how do you configure when the alert rule should trigger?   `1 / 1 point`

○ By specifying the duration for the alert rule to be active.

◉ By selecting a trigger signal and defining its logic.

○ By setting the priority level for the alert rule.

○ By selecting the target resource for the alert rule.

> ✓ **Correct**
> Correct. When creating a rule in Azure, in the conditions tab, you configure when the alert rule should trigger by selecting a trigger signal and defining its logic. This allows you to specify the conditions under which the alert rule should be triggered.
>
> For more information, please refer to the video lecture " Demo - Azure Cognitive Search Service: Configuring Alerts and Metrics"