C1000-012^{Q&As}

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IBM Watson Application Developer V3.1

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QUESTION 1

Where can the IBM Watson AI service credentials be retrieved when running an application on IBM Cloud?

A. configuration file such as "credentials.plist"

B. token generation service

C. from the Service Credentials panel of the IBM Cloud service

D. HTTP Authorization request header

Correct Answer: C

Reference: https://dataplatform.cloud.ibm.com/docs/content/wsj/analyze-data/ml-get-wml-credentials.html

QUESTION 2

The IT helpdesk of a large enterprise routinely conducts surveys of its users. The survey allows the users to rate the performance of the helpdesk and to enter about 3-4 lines of comments in a free form text field.

Which IBM Watson service should the IT helpdesk use to drive insights from the texts and to look for patterns among complains for improvements?

A. Use Discovery to extract keywords and entities for common patterns across the comments plus gain insight into the sentiment expressed by each comment

B. Natural Language Classifier to evaluate sentiments expressed in the comments

C. Use Natural Language Classifier to look for concepts mentioned in the review

D. Use Personality Insights to analyze traits of the users logging the comments

Correct Answer: D

QUESTION 3

What is the definition of false positive in the context of measuring accuracy of a machine learning system?

A. The system returns a low confidence score for a correct answer.

B. The system returns a high confidence score for an incorrect answer.

C. The system returns only low confidence scores for all answers.

D. The system returns only high confidence for all answers, both correct and incorrect.

Correct Answer: A

QUESTION 4

What combination of two IBM Watson AI services is applicable for an automated virtual agent, phone-based customer call center?

A. Visual Recognition

B. Watson Assistant

C. Speech to Text

D. Personality Insights

E. Watson Studio

Correct Answer: BC

Reference: https://www.ibm.com/blogs/watson/2018/09/announcing-the-ai-solution-with-voice-for-contactcenters/

QUESTION 5

What are two methods to view the logs for an IBM Cloud hosted Cloud Foundry application? (Choose two.)

A. the application log monitoring console in the Cloud dashboard

B. the Diagnostics tab in the top level Cloud dashboard

C. the Logging tab of the Watson Marketplace dashboard

D. the Performance Monitoring tab in the top level IBM Cloud dashboard

E. using the Command Line interface (CLI)

Correct Answer: AE

Reference: https://www.ibm.com/blogs/bluemix/2014/10/accessing-application-logs-bluemix/

QUESTION 6

What are two available IBM Watson REST APIs that allow you to understand tone, personality or emotional state from text?

A. Tone Analyzer

B. Speech to Text

C. Language Translator

D. Personality Insights

E. Watson Assistant

Correct Answer: AD

Reference https://www.ibm.com/watson/services/tone-analyzer/

QUESTION 7

What license is the IBM Watson SDK licensed under?

A. BSD License

B. Apache 2.0 License

C. GNU General Public License

D. IBM Public License

Correct Answer: B

Reference: http://watson-developer-cloud.github.io/java-sdk/docs/java-sdk-2.8.0/com/ibm/watson/
developer_cloud/tone_analyzer/v3/package-summary.html

QUESTION 8

When querying for results in the IBM Watson Discovery service, what role does aggregation fulfill?

A. It allows for querying statistical information of the results set.

B. It allows for querying a database.

C. It allows for querying images within a document.

D. It allows for querying across multiple collections.

Correct Answer: A

Reference https://cloud.ibm.com/docs/services/discovery?topic=discovery-query-reference

QUESTION 9

What system entity can be configured within an IBM Watson Assistant agent?

A. sys-intent

B. sys-number

C. sys-condition

D. sys-entity

Correct Answer: D

Reference https://cloud.ibm.com/apidocs/assistant

QUESTION 10

What combination of these Watson AI capabilities are applicable for an email-based, help desk?

A. structured data analytics

B. image classification

C. keyword extraction

D. speech recognition

E. text classification

F. entity extraction

Correct Answer: CE

QUESTION 11

An AI solution is implemented to detect what the user wants to do. The user mentions that wants to buy a ski jacket for an upcoming vacation in Colorado.

What design pattern is appropriate for this use case?

A. Speech to Speech pattern designed with: Speech to Text, Relationship Extraction and Text to Speech

B. Audio Analysis pattern designed with: Speech to Text and Tone Analysis

C. Empathy Analysis pattern designed with: Personality Insights and Watson Assistant

D. Conversational pattern designed with: Watson Assistant service, Natural Language Understanding and Entity Extraction

Correct Answer: D

QUESTION 12

Which IBM Watson service is pre-trained and does not allow for any customization?

A. Tone Analyzer

B. Discovery

C. Natural Language Classifier

D. Speech to Text

Correct Answer: C

QUESTION 13

What is the purpose of the IBM Watson Natural Language Classifier service?

A. Interpret the intent behind text and returns a corresponding classification with associated confidence levels

B. Reduce the number of random utterances consideration, by obtaining a set of uncorrelated utterances

C. Translate a natural language sentence into a syntactic representation such as a parse tree

D. Group a set of objects in such a way that objects in the same group are more similar to each other than to those in other groups

Correct Answer: A

IBM Watson Natural Language Classifier is a service that enables developers without a background in machine learning or statistical algorithms to create natural language interfaces for their applications, interprets the intent behind text and returns a corresponding classification with associated confidence levels and the return value can then be used to trigger a corresponding action, such as redirecting the request or answering a question.

QUESTION 14

What is an approach for using an IBM Watson AI service to search a database?

A. Use the intent from the Natural Language Classifier as part of a query

B. Use Natural Language Understanding to translate queries into English before searching the database

C. Use the Document Conversion service to search the database for the entries with the strongest relationship to the user input

D. Use the Discovery services to search through candidate queries and surface the ones most relevant to the user input

Correct Answer: D

QUESTION 15

How would a developer build a AI system that recognize license plates in images?

A. Train a classifier with examples of license plates.

B. Write an algorithm to run a set of logical checks on the images.

C. An AI system would already recognize different types of license plates, so simply show it the images.

D. Build a tool that sends images to be annotated by teams of humans.

Correct Answer: A

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