IBM Watson Application Developer V3.1

IBM C1000-012

Version Demo

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QUESTION NO: 1

Which three Watson AI capabilities are applicable to analyze data insights on the text of a tweet on Twitter? (Choose three.)

A. keyword extraction

B. natural scene text recognition

C. text-to-speech

D. entity extraction

E. text classification

F. speech recognition

ANSWER: A D E

QUESTION NO: 2

A researcher is looking for a system that can help analyze recorded presentation, extract major concepts and provide recommendations for related content. Which two IBM Watson AI services on IBM Cloud can be combined to help achieve this task?

A. Discovery

B. Speech to Text

C. Text to Speech

D. Tone Analyzer

E. Personality Insights

ANSWER: A B

QUESTION NO: 3

Which two statements are applicable to the IBM Watson Tone Analyzer service?

A. The results of the service can provide only sentiment analysis.

B. Images and videos can be input into the service for analyzing writing style based on visual clues.

C. The results of the service can be used to adjust the tone of the content in order to increase the effectiveness of the communication.

D. The results of the service can be used to adjust the tone of the content to change how people will perceive your online identity.

E. The results of the service can be used to automatically post messages to social media sites.

ANSWER: C D

Explanation:

Reference https://tone-analyzer-demo.ng.bluemix.net

QUESTION NO: 4

When running an application on IBM Cloud that uses the IBM Watson assistant service, what is the prerequisite to use the service?

A. That the Watson Assistant service credentials username and password are provisioned and referenced for the application.

B. That the Watson Assistant service is associated with an IBM Watson speech to Text service.

C. That the Watson Assistant service uses robust conversation collected from actual user questions.

D. That the Watson Assistant service is bound to the application.

ANSWER: D

QUESTION NO: 5

Which two statements accurately describe file size management for IBM Watson Discovery service?

A. Sample documents must be uploaded to a separate collection other than actual content.

B. The maximum file size for a sample document is 1MB.

C. The maximum file size for documents in a collection is 50MB.

D. There is a limit of no more than 5 documents sample documents.

E. Sample documents must be deleted before uploading documents to a collection.

ANSWER: A C

QUESTION NO: 6

What kind of machine learning approach is typically used for classification with a neural network?

A. automatic learning

B. active learning

C. supervised learning

D. reinforcement learning

ANSWER: C

Explanation:

Reference https://developer.ibm.com/articles/cc-machine-learning-deep-learning-architectures/

QUESTION NO: 7

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)

ANSWER: A E

Explanation:

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

QUESTION NO: 8

What is the purpose of the IBM Watson Visual Recognition REST API classify endpoint?

A. It analyzes the uploaded images against classifiers.

B. It turns a collection of images into structured data that can easily be indexed and queried.

C. It trains a new classifier on the uploaded image data.

D. It enables users to upload a set of images as a zip file to create a custom classifier.

ANSWER: B

QUESTION NO: 9

Before a developer can work with any of the IBM Cloud services, they need to obtain service credentials. What is the proper procedure to do this in IBM Cloud?

A. Log-in to IBM Cloud, navigate to your account profile, then copy the account credentials into the application for service access.

B. Log-in to IBM Cloud, navigate to your account, and view your user credentials.

C. The IBM Cloud credentials are the same as your service credentials.

D. Create a service instance within IBM Cloud, create the service credentials, use the service credentials in the application.

ANSWER: A

QUESTION NO: 10

How would someone train a neutral network?

A. Compare results from forward propagation to an error score and update weightings accordingly using back propagation

B. Compare input of network to output of network and back propagate the difference to the input connections layer

C. Calculate the error rate using cognitive dissonance and back propagate errors to the neurons to minimize the error rate

D. Back propagate the network output through the network and forward propagate errors in order to update relevant weightings

ANSWER: D

Explanation:

Reference: https://developer.ibm.com/articles/cc-cognitive-neural-networks-deep-dive/#backpropagation