C1000-012^{Q&As}

IBM Watson Application Developer V3.1

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QUESTION 1

Which IBM Watson service will allow consumers to find relevant news articles?

A. Personality Insights

B. Tradeoff Analytics

C. Natural Language Understanding

D. Discovery

Correct Answer: D

Reference: https://www.ibm.com/blogs/watson/2017/07/how-enriched-and-faster-news-discovery-fuelsbusiness-development-and-growth/

QUESTION 2

When is it appropriate to include multiple classes for a sample text in the training data for IBM Watson Natural Language Classifier?

A. When the text is very detailed such that identifying a single class may cause inaccuracies.

B. When the classifier has been retained and we want to preserve old classes from a previous training set.

C. When experts interpret the same text in different ways, multiple classes support those interpretations.

D. When the text utterances are very similar in nature and we want to mark slight differences using classes.

Correct Answer: C

QUESTION 3

The IBM Watson Natural Language understanding service can be used to extract sentiment from which two types of input?

A. images of people\\'s faces

B. audio files

C. streaming video file

D. HTML content

E. text content

Correct Answer: DE

Reference https://cloud.ibm.com/apidocs/natural-language-understanding

QUESTION 4

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

Correct Answer: AB

QUESTION 5

Which two Natural Language Processing artifacts are part of the Watson Knowledge Studio?

A. parsing rules

B. mention detection

C. relation detection

D. part-of-speech tagging

E. sentence tokenization

Correct Answer: CE

QUESTION 6

A developer is using machine learning techniques to train a system which will identify fraudulent insurance claims. Which would be best suited for training data?

A. Samples of known fraudulent and legitimate claims

B. A set of known legitimate claims mixed in with random claim samples

C. A set of known fraudulent claims mixed in with random claim samples

D. A new set of unknown claims

Correct Answer: A

QUESTION 7

Does an application that consumes an IBM Watson service need to be hosted on IBM Cloud?

A. yes, Watson services are not visible to run-times running outside of the IBM Cloud environment.

B. No, IBM Cloud is not required for either the application or for working with the service.

C. No, any application framework supporting standard REST API invocation can consume a Watson service.

D. Yes, the networking bindings require that the entire application and Watson service run on IBM Cloud.

Correct Answer: D

QUESTION 8

A university wants to build a virtual student adviser that can interact with prospective students to help answer any questions they may have on the admissions process. The students for the most part have similar questions, however there are a small number of international students who have very specific queries based on their native country and their background.

Which combination of IBM Watson services would meet these requirements?

A. Natural Language Understanding and Personality Insights

B. Natural Language Classifier and Visual Recognition

C. Watson Assistant and Discovery

D. Speech to Text and Tone Analyzer

Correct Answer: C

Reference https://github.com/watson-developer-cloud/assistant-with-discovery

QUESTION 9

What connectivity protocols are supported by IBM Watson services?

A. REST style using either XML/HTTP and JSON/HTTP

B. JSON/HTTP or JSON/RTP

C. REST style using JSON/HTTP only

D. SOAP/HTTP and JSON/HTTP

Correct Answer: A

QUESTION 10

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

How could IBM Watson Natural Language Classifier (NLC) be used in the solution?

A. Profile properties configured for NLC could direct selection of intent

B. A location intent could be trained to assess the relevant attitude for the desired product

C. The phase entered by the user is passed to a classifier to provide a class that indicates the user\\'s intent

D. A new classifier could point to the correct answer to each question

Correct Answer: B

QUESTION 11

Which statement best describes the unsupervised learning process when performing clustering?

A. Data points are compared iteratively and the distances between each other are used to determine whether they belong in the same cluster or not.

B. A neural network is deployed in unsupervised mode to determine to which cluster a data point belongs.

C. A human supervisor decides which data points belong to which clusters.

D. Examples of data points and their associated cluster are fed into the system allowing it to learn and generalize for the rest of the data set.

Correct Answer: A

QUESTION 12

Someone is training a machine learning system to perform classification of unstructured content. What is the purpose of a validation data set on the training process?

A. Validation data sets are used to fine tune the accuracy of the training model

B. Validation data sets are only used if test data is unavailable

C. Validation data sets are exactly the same as test data sets and are used to test the limits of the machine learning model

D. Validation data sets would never be used in a classification system as only training and test data are required

Correct Answer: C

QUESTION 13

Which programming language has a corresponding IBM Watson SDK?

A. C++

B. Python

C. Julia

D. Perl

Correct Answer: B

Reference https://cloud.ibm.com/docs/services/watson?topic=watson-using-sdks

QUESTION 14

There are two security models for HTTP communications between an IBM Watson service and the client application. Which two statements are true regarding these two models? (Choose two.)

A. Both models offer generally equivalent communication latency characteristics

B. Neither model provides for direct communication between the application and the service

C. Both models use HTTP basic authentication in all communications interactions

D. Both models offer generally equivalent functionality, but with different security and performance characteristics

E. The application must manage a security token in one model but not in the other

Correct Answer: CD

QUESTION 15

Which query is specific to a search parameters versus structure parameters in IBM Watson Discovery service?

A. offset

B. return

C. aggregation

D. count

Correct Answer: C

Reference: https://console.bluemix.net/docs/services/discovery/query-reference.html#query-reference

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