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QUESTION 1

What is the main criteria for separating training and test data when training a machine learning system?

A. Test data should be as random as possible, so that it tests the boundaries of the system.

B. Training data should be random, but the test data should be created by a subject matter expert.

C. Training data should be as random as possible, in order to create a robust model.

D. The data set should be representative and randomly split in to a training set and a test set so that they do not overlap.

Correct Answer: C

QUESTION 2

What output data type by the IBM Watson Natural Language Understanding service?

A. DOCX

B. PDF

C. HTML

D. JSON

Correct Answer: C

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

QUESTION 3

Which statement is true about relationships in Watson Knowledge Studio type system?

A. Relationships must be between only two entities.

B. Relationships can occur between more than two entities.

C. Relationships can be implied as long as there is sufficient statistical probability to warrant the inference.

D. Relationships can occur in more than one direction between entities.

Correct Answer: A

Reference https://cloud.ibm.com/docs/services/knowledge-studio?topic=knowledge-studio-typesystem

QUESTION 4

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 can the entities be derived from the conversation using IBM Watson services?

A. Upload training data to the Discovery service and use the Discovery API to query the results

B. Use the Tone Analyzer service to retrieve the level of openness in the utterance

C. Pass the utterance from the user to the Natural Language Understanding service Entities API

D. Pass the utterance from the user through Speech to Text then apply Tradeoff Analytics

Correct Answer: C

QUESTION 5

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 6

What are two of the main endpoints of the IBM Watson Text To Speech REST API? (Choose two.)

A. vocalization

B. intonation

C. voices

D. synthesis

E. accent

Correct Answer: CD

Reference: https://cloud.ibm.com/apidocs/text-to-speech

QUESTION 7

What is the formula for precision in a classification system?

A. True Negatives / (True Positives + False Positives)

B. True Positives / (True Positives + False Positives)

C. False Positives / (True Negatives + False Positives)

D. True Positives / (True Positives + False Negatives)

Correct Answer: C

QUESTION 8

Which two IBM Watson services combined would be applicable for an agent-assisted, email-based help desk?

A. Watson Assistant

B. Personality Insights

C. Visual Recognition

D. Speech to Text

E. Discovery

Correct Answer: AE

QUESTION 9

Which statement is the purpose of the IBM Watson SDKs?

A. It allows UI designers to identify AI relations in their prototypes.

B. It allows developers to discover AI services.

C. It allows developers to add AI services to their applications.

D. It allows end users to provide AI use cases and requirements.

Correct Answer: C

QUESTION 10

Which characteristics makes an API RESTful?

A. It uses standard HTTP methods (e.g., GET, PUT, POST, or DELETE).

B. It uses non-standard HTTP methods.

C. It only works with Javascript.

D. It defines a number of custom media types fore resources and is discoverable based on multiple known end-points.

Correct Answer: D

QUESTION 11

How can the threshold for the confidence level be set for the intent of a dialog node in the IBM Watson Assistant service?

A. The confidence level cannot be set within the Dialog and should be done programmatically within the application code.

B. On the drop-down of the Dialog node, the condition for confidence levels can be set for the intents defined in your Dialog node.

C. The confidence level threshold is already set for each Dialog node at "0.2". It can be overridden by turning off the confidence level on the improve tab within the Watson Assistant workspace.

D. It can be a condition within the Dialog node alongside the intent. For Example, intents [0].confidence