



Exam C7020 – 230 IBM Watson V3 Application Development

1. Which statement is an example of reinforcement learning?

- A. Detecting clusters within a data set by calculating the distance between data points.
- B. Teaching a cognitive system to detect license plates using example images and respective labels.
- C. Teaching an application to play chess by rewarding the system for taking actions that improve the outcome of the game.
- D. Reinforcing a question answering system by adding more questions and respective answer to help it improve its understanding.

2. Based on the phrase below, which words are examples of the same co-reference?

"John F Kennedy was not president of the United States for a long time. He only served in the White House from 1961 to 1963".

- A. "served", "1961" and "1963"
- B. "John F Kennedy", "president", and "he"
- C. "president", "United States", and "White House"
- D. "John F Kennedy", "United States" and "White House"

3. Which two IBM Watson services are applicable to produce data insights for Twitter?

- A. Text to Speech
- B. Tradeoff Analytics
- C. Document Conversion
- D. Natural Language Classifier
- E. Natural Language Understanding

4. What are two IBM Watson services included in the Social Customer Care Starter Kit?

- A. Discovery
- B. Personality Insights
- C. Speech to Text
- D. Natural Language Understanding
- E. Tone Analyzer

5. Which game development engine has a corresponding IBM Watson SDK?

- A. OGRE
- B. Unity
- C. Minecraft
- D. Cryengine

6. What is the purpose of the IBM Watson Tradeoff Analytics service?

- A. It maps observations about an item to conclusions about the item's target value using decision trees as a predictive model.
- B. It groups 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.
- C. It identifies items, events or observations which do not conform to an expected pattern from a data set, facilitating decision making.
- D. It helps people make decisions when balancing multiple objectives using a mathematical filtering technique called "Pareto Optimization".

7. A caregiver would like to better understand if her patient exhibited anger and fear in the last week by analyzing transcribed text captured from verbal conversation. Which IBM Watson service will help her to best accomplish this goal?

- A. Tone Analyzer
- B. Speech to Text
- C. Personality Insights
- D. Natural Language Classifier

8. Which IBM Watson Natural Language Understanding service API can be used to extract the author of the webpage, the page title and the publication date from a URL?

- A. Entities
- B. Metadata
- C. Concepts
- D. Keywords

9. What output data type is used by the IBM Watson Natural Language Understanding service?

- A. PDF
- B. DOCX
- C. JSON
- D. HTML

10. 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. Conversation and Discovery
- B. Speech to Text and Tone Analyzer
- C. Natural Language Classifier and Tradeoff Analytics
- D. Natural Language Understanding and Personality Insights

11. What is the IBM Watson API Explorer?

- A. An API management facility by which an developer can monitor and control API usage.
- B. An interactive tool with which developers can experiment with the IBM Watson services.
- C. A cognitive service for exploring the taxonomy of a user specified corpus of information.

D. A comprehensive catalog of cognitive APIs, with links to use cases and implementation good practices.

Answer Key:

1. C
2. B
3. DE
4. BE
5. B
6. D
7. A
8. B
9. C
10. A
11. B