Run AI Models with IBM Watson Studio Questions

1. Which of the following is a difference between conventional computer programs and machine learning models?

a. A machine learning model delivers the same output every time.

b. Conventional computer programs can alter their own code.

c. Conventional computer programs perform calculations.

d. A machine learning model can reprogram itself. **(CORRECT)**

2. Your client has requested that the AI system you’re working on should include a screen that displays several different graphs at one time.

What type of display is the client requesting?

a.A dashboard **(CORRECT)**

b. An IDE

c. Correctly unselected

d. An output collection

e. A chronography

3. Why did Watson test four different algorithms for this AI model?

a. To compare four different versions of the data set for accuracy

b. To remove the least effective model from the data set

c. To determine which set of algorithms predicted defaults most effectively (**CORRECT)**

d. To identify those algorithms that triggered the confusion matrix

4. Why did Watson Auto AI select **Binary Classification** as your **Prediction Type**?

a. Because you really only needed two models to make your point

b. Because you were dividing your training data into two portions

c. Because predicting risk or no risk has only two options **(CORRECT)**

d. Because you only needed to manage Accuracy and Run time

5. Which of the following is NOT a feature of IBM Watson Studio?

A. A collaborative data science and machine learning environment

B. Easy visualizations with drag-and-drop code

C. An efficient workflow

D. A built-in neural network modeler **(CORRECT)**

E. A built-in quantum computing simulator

F. Open-source tools such as Jupyter Notebooks and RStudio

6. What type of machine learning problem is the bank trying to solve?

A. Regression

B. Clustering

C. Classification **(CORRECT)**

D. Anomaly Detection

7. Why is it important to split the data into training and testing sets?

A. To ensure the model is trained on all available data.

B. To evaluate the model's performance on unseen data. **(CORRECT)**

C. To improve the model's training speed.

D. To avoid overfitting the model to the training data.

8. What is the importance of testing the model on a separate holdout dataset?

A. To ensure the model is not overfitting to the training data. **(CORRECT)**

B. To increase the size of the training dataset.

C. To improve the model's training speed.

D. To simplify the model evaluation process.

9. What type of software application is IBM Watson Studio?

A. Integrated Development Environment (IDE) **(CORRECT)**

B. Customer Relationship Management (CRM)

C. Enterprise Resource Planning (ERP)

D. Content Management System (CMS)

10. What was a primary motivation for developing IBM Watson Studio?

A. To increase the complexity of AI development

B. To reduce the need for human expertise in AI

C. To improve communication and coordination in development teams **(CORRECT)**

D. To limit access to AI tools

11. Which of the following is NOT a capability of IBM Watson Studio?

A. Constructing machine learning models

B. Provisioning resources for AI projects

C. Running and testing AI models

D. Automatically generating business insights without data **(CORRECT)**

12. In what formats can IBM Watson Studio save results?

A. Working models and editable notebooks **(CORRECT)**

B. Only as static reports

C. Only as executable files

D. As raw data sets

13. Which of the following was NOT a step you practiced in the IBM Watson Studio simulations?

A. Provisioning the Watson Studio service

B. Importing bank loan risk data

C. Training machine learning models

D. Deploying the model into a live banking system **(CORRECT)**