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Exam : **C1000-154**

Title : IBM Watson Data Scientist v1

Version : DEMO

1.When anticipating additional data sources that might be relevant, what is a crucial factor to consider?
A. The color scheme of the data visualization
B. The data source's popularity on social media
C. The relevance of the data source to the business problem
D. The graphical interface of the data source
Answer: C

2.A virtual assistant has been developed and deployed based on the Watson Assistant service. The assistant will support customers by answering FAQs (Frequent Answered Questions).
Which metric is a good indicator of the performance of the virtual assistant?
A. The Area Under the Curve (AUC)
B. Measure escalated calls using A/B testing
C. The Root Mean Squared Error (RMSE) of words
D. The F1 score of predicted intents in the Analytics tab
Answer: B

3.Which of the following is a critical first step in understanding a business problem for data science projects?
A. Selecting the machine learning algorithm
B. Defining the project scope
C. Choosing the visualization tools
D. Deploying the model
Answer: B

4.How can data splits be made reproducible in a machine learning experiment?
A. By using a different random seed each time the data is split
B. By partitioning the data manually
C. By using a consistent random seed when splitting the data
D. By splitting the data in a sequential manner without randomization
Answer: C

5.What is the key difference between batch processing and streaming in data processing?
A. Batch processing involves real-time data processing, whereas streaming does not process data
B. Streaming is suitable for large, historical datasets, whereas batch processing is for real-time data analysis
C. Batch processing processes data in large blocks at a time, whereas streaming processes data in real-time as it arrives
D. Batch processing processes data in large blocks at a time, whereas streaming processes data in real-time as it arrives
Answer: C