Python Institute

PCAD

Python Institute Certified Associate Data Analyst with Python

For More Information – Visit link below:

https://www.examsboost.com/

Product Version

Latest Version: 6.0

Question: 1

What is the main advantage of using Seaborn over Matplotlib when creating complex statistical visualizations in Python?

A. Seaborn automatically saves plots as image files
B. Seaborn provides high-level abstractions for attractive and informative graphics
C. Seaborn requires no data preprocessing for missing values
D. Seaborn works exclusively with NumPy arrays

Answer: B

Question: 2

Why is it important to define and apply validation rules consistently across all stages of a data pipeline?

A. It reduces processing time by skipping null checks
B. It guarantees compatibility with visualization tools
C. It prevents the propagation of corrupted or invalid data
D. It automatically optimizes SQL queries

Answer: B

Question: 3

Which metric is most appropriate for evaluating the accuracy of a classification model?

A. R-squared
B. Confusion matrix
C. Mean squared error
D. Precision

Answer: D

Question: 4

Which of the following improves the readability of a spreadsheet used for collaborative data analysis?

A. Removing gridlines from all sheets
B. Using colored fonts to highlight every cell
C. Adding freeze panes to lock header rows
D. Converting numeric values into images

Answer: C

Question: 5

Which approaches help tailor data visualizations for non-technical stakeholders?
(Choose two)

A. Use jargon-rich annotations
B. Focus on trend and summary metrics
C. Add context through narrative or titles
D. Use raw code outputs for clarity

Answer: B,D

Question: 6

Which Python tool or library is best suited for retrieving data from HTML tables on web pages?

A. re
B. pandas.read_html()
C. math
D. sqlalchemy

Answer: B

Question: 7

What is the primary reason for using parameterized queries instead of directly formatting SQL strings in Python?

A. To reduce the number of SQL statements
B. To allow dynamic table creation
C. To prevent SQL injection vulnerabilities
D. To simplify data encryption

Answer: C

Question: 8

Which practices contribute to better exception handling in data pipelines involving file I/O and numerical computations?
(Choose two)

A. Catching all exceptions using a generic except: clause without specifying the error
B. Logging error messages for later inspection during failures
C. Using specific exception types like FileNotFoundError or ZeroDivisionError
D. Suppressing all error output using pass

Answer: B,D

Question: 9

Which techniques are most effective when designing reusable and testable functions in Python?
(Choose two)

A. Use of default parameters
B. Returning print statements instead of values
C. Avoiding external state or side effects
D. Creating large monolithic functions

Answer: A,C

Question: 10

What is the benefit of using the __name__ == "__main__" construct in Python scripts?

A. It allows access to all global variables
B. It prevents modules from being imported
C. It defines the main function in Python
D. It allows selective execution of code when run as a script

Answer: D

Thank You for Trying Our Product

For More Information – **Visit link below:**

https://www.examsboost.com/

15 USD Discount Coupon Code:

G74JA8UF

FEATURES

- ✓ **90 Days Free Updates**

- ✓ **Money Back Pass Guarantee**

- ✓ **Instant Download or Email Attachment**

- ✓ **24/7 Live Chat Support**

- ✓ **PDF file could be used at any Platform**

- ✓ **50,000 Happy Customer**