Mock Test Report

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out of 25

Suggestions to Improve

The student demonstrates a need for focused learning on data visualization libraries in Python, specifically comparing and contrasting Matplotlib and Seaborn.

Data Visualization with Matplotlib and Seaborn: Complete interactive tutorials focusing on the functionalities of both Matplotlib and Seaborn.

Data Visualization with Matplotlib and Seaborn: Work through practical exercises that require creating various types of plots (scatter plots, histograms, bar charts, etc.) using both libraries to compare their syntax and capabilities.

Data Visualization with Matplotlib and Seaborn: Focus on understanding the advantages of Seaborn's higher-level interface for statistical visualizations compared to Matplotlib's more basic plotting functions.

Data Visualization with Matplotlib and Seaborn: Explore Seaborn's built-in datasets and themes to practice creating visually appealing and informative plots.

Data Visualization with Matplotlib and Seaborn: Examine examples of data visualizations created with both libraries and analyze their strengths and weaknesses.

Data Visualization with Matplotlib and Seaborn: Read documentation and articles comparing Matplotlib and Seaborn to understand their respective strengths and when to use each library.

Practice regularly by working through diverse visualization problems.

Utilize online resources such as tutorials, documentation, and community forums to clarify any doubts.

Correct Answers

Question	Correct Answer
Which of the following libraries is commonly used for data	

visualization in Python?	Matplotlib
What type of chart is best suited for showing the distribution of a single continuous variable?	Histogram
Which plot is most appropriate for displaying the relationship between two continuous variables?	Scatter Plot
Which of the following are advantages of using Seaborn over Matplotlib for data visualization?	Built-in themes for better aesthetics
Which of the following charts are useful for visualizing categorical data?	Bar Chart