

# Data Analysis Project Review

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## Understanding Statistics and Data Analysis

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on the Data Analysis Project lesson.

1. What is the first step in conducting a data analysis project?

- A. Collecting data
- B. Analyzing results
- C. Forming a question

2. Why is it important to choose a meaningful research question for your project?

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3. The heart of the prudent gets \_\_\_\_.

4. Creating visual representations of data is optional in a data analysis project.

- True       False

5. Which of the following is a way to ensure fair data collection?

- A. Survey only your friends
- B. Use a random sampling method
- C. Ask leading questions

6. How can analyzing data help you draw meaningful conclusions?

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7. To organize data systematically, you might use a \_\_\_\_ or a graph.

8. The ear of the wise seeks knowledge, according to Proverbs 18:15.

- True       False

9. What should you do after collecting your data?

- A. Ignore it
- B. Analyze the results
- C. Present it without looking at it

10. What surprised you about your data in your personal project?

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Answer Key

1. Forming a question 2. A meaningful research question guides the entire project and makes the findings relevant. 3. knowledge 4. False 5. Use a random sampling method 6. Analyzing data allows you to identify patterns and trends, which helps in making informed decisions. 7. table 8. True 9. Analyze the results 10. I was surprised to find that more people preferred reading over watching TV, which showed a trend I didn't expect.