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Grade received 100% To pass 80% or higher

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Weekly challenge 1

Latest Submission Grade 100%

1. Structured thinking involves which of the following processes? Select all that apply.

1 / 1 point

- ☐ Asking SMART questions
- ☒ Organizing available information

✔ **Correct**
Structured thinking involves recognizing the current problem or situation, organizing available information, revealing gaps and opportunities, and identifying the options.

- ☒ Revealing gaps and opportunities

✔ **Correct**
Structured thinking involves recognizing the current problem or situation, organizing available information, revealing gaps and opportunities, and identifying the options.

- ☒ Recognizing the current problem or situation

✔ **Correct**
Structured thinking involves recognizing the current problem or situation, organizing available information, revealing gaps and opportunities, and identifying the options.

2. A data analyst creates data visualizations and a slideshow. Which phase of the data analysis process does this describe?

1 / 1 point

- ☐ Act
- ☒ Share
- ☐ Prepare
- ☐ Process

✔ **Correct**
This describes the share phase of the data analysis process.

3. A recycling center that sponsors a podcast about saving the environment is an example of what strategy?

1 / 1 point

- ☒ Trying to reach a target audience
- ☐ Making recommendations
- ☐ Staying on budget
- ☐ Defining the problem to be solved

✔ **Correct**
A recycling center sponsoring a podcast about saving the environment is an example of reaching a target audience. In this scenario, people who care about the environment are likely to be interested in recycling.

4. Making predictions is one of the six data analytics problem types. It deals with using data to inform decisions about how things may be in the future. Select the scenario that's an example of making predictions.

1 / 1 point

- ☐ A data analyst at a school system uses data to make a connection between home sales and new student enrollment.
- ☐ A data analyst at a gas company uses historical data to analyze which time of year customers use the most gas.
- ☒ A data analyst at a shoe retailer uses data to inform the marketing plan for an upcoming summer sale.
- ☐ A data analyst at a technology company uses data to identify a unique drop in social media engagement.

✔ **Correct**
A data analyst at a shoe retailer using data to inform the marketing plan for an upcoming summer sale is an example of making predictions.

5. Categorizing things involves assigning items to categories. Identifying themes takes those categories a step

1 / 1 point

further, grouping them into broader themes or classifications.

- ☒ True
☐ False

✓ **Correct**

Categorizing things involves assigning items to categories. Identifying themes takes those categories a step further, grouping them into broader themes or classifications.

6. Which of the following examples are closed-ended questions? Select all that apply.

1 / 1 point

- ☐ What are your thoughts about math?
☒ What grade did you get on the math test?

✓ **Correct**

Closed-ended questions don't encourage people to elaborate and share valuable details.

- ☒ Is math your favorite subject?

✓ **Correct**

Closed-ended questions don't encourage people to elaborate and share valuable details.

- ☒ How old are you?

✓ **Correct**

Closed-ended questions don't encourage people to elaborate and share valuable details.

7. The question, "Why don't our employees complete their timesheets each Friday by noon?" is not action-oriented. Which of the following questions are action-oriented and more likely to lead to change? Select all that apply.

1 / 1 point

- ☒ How could we simplify the time-keeping process for our employees?

✓ **Correct**

These questions are action-oriented. That means they're more likely to result in specific answers that can be acted on to lead to change.

- ☒ What features could we add to our calendar app as a weekly timesheet reminder to employees?

✓ **Correct**

These questions are action-oriented. That means they're more likely to result in specific answers that can be acted on to lead to change.

- ☒ What functionalities would make our timesheet web page more user-friendly?

✓ **Correct**

These questions are action-oriented. That means they're more likely to result in specific answers that can be acted on to lead to change.

- ☐ Why don't employees prioritize filling out their timesheets by noon on Fridays?

8. Which of the following questions make assumptions? Select all that apply.

1 / 1 point

- ☒ It must be frustrating waiting on hold for so long, right?

✓ **Correct**

A common example of an unfair question is one that makes assumptions. Unfair questions assume the respondent's answer to the question.

- ☒ Keeping employees engaged is important, isn't it?

✓ **Correct**

A common example of an unfair question is one that makes assumptions. Unfair questions assume the respondent's answer to the question.

- ☐ Did you get through to customer service?

- ☒ Wouldn't you agree that product A is better than product B?

✓ **Correct**

A common example of an unfair question is one that makes assumptions. Unfair questions assume the respondent's answer to the question.