

✔ Congratulations! You passed!

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higher

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1. A data analyst is working on an urgent traffic study. As a result of the short time frame, which type of data are they most likely to use?

1 / 1 point

- ☒ Historical
- ☐ Theoretical
- ☐ Unclean
- ☐ Personal

✔ Correct

As a result of the short time frame, they are most likely to use historical data.

2. Which of the following are examples of discrete data? Select all that apply.

1 / 1 point

- ☐ Movie running time
- ☒ Number of actors in movie

✔ Correct

The number of actors in a movie, box office returns, and the movie budget are examples of discrete data.

- ☒ Movie budget

✔ Correct

The number of actors in a movie, box office returns, and the movie budget are examples of discrete data.

- ☒ Box office returns

✔ Correct

The number of actors in a movie, box office returns, and the movie budget are examples of discrete data.

3. Which of the following questions collect nominal qualitative data? Select all that apply.

1 / 1 point

- ☒ Did anyone recommend our restaurant to you today?

✔ Correct

"Did anyone recommend our restaurant to you today?"; "Have you heard of our frequent diner program?"; and "Is this your first time dining at this restaurant?" are questions that collect nominal qualitative data.

- ☒ Is this your first time dining at this restaurant?

✔ Correct

"Did anyone recommend our restaurant to you today?"; "Have you heard of our frequent diner program?"; and "Is this your first time dining at this restaurant?" are questions that collect nominal qualitative data.

- ☒ Have you heard of our frequent diner program?

✔ Correct

"Did anyone recommend our restaurant to you today?"; "Have you heard of our frequent diner program?"; and "Is this your first time dining at this restaurant?" are questions that collect nominal qualitative data.

- ☐ How likely are you to recommend this restaurant to a friend?

4. Internal data is more reliable because it's clean.

1 / 1 point

- ☐ True
- ☒ False

✔ Correct

Internal data is more reliable because it lives within a company's own systems.

5. Structured data is likely to be found in which of the following formats? Select all that apply.

1 / 1 point

☐ Audio file

☒ Table

✓ **Correct**

Structured data is likely to be found in a table or spreadsheet.

☒ Spreadsheet

✓ **Correct**

Structured data is likely to be found in a table or spreadsheet.

☐ Digital photo

6. Which of the following values are examples of a Boolean data type? Select all that apply.

1 / 1 point

☒ Yes or no

✓ **Correct**

True or false and yes or no are examples of a Boolean data type.

☐ Yes, no, or unsure

☒ True or false

✓ **Correct**

True or false and yes or no are examples of a Boolean data type.

☐ One, two, or three

7. The following is a selection from a spreadsheet:

1 / 1 point

| Name | Attribute | Value |
|---------------|------------|--------------|
| Agnes Shipton | Age | 44 |
| Agnes Shipton | Occupation | Entrepreneur |
| Henry Sing | Age | 36 |
| Henry Sing | Occupation | Editor |

What kind of data format does it contain?

☐ Wide

☐ Narrow

☐ Short

☒ Long

✓ **Correct**

8. Data transformation can change the structure of the data. An example of this is taking data stored in one format and converting it to another.

1 / 1 point

☒ True

☐ False

✓ **Correct**

Data transformation can change the structure of the data. An example of this is taking data stored in one format and converting it to another.