✓ **Congratulations! You passed!**
TO PASS 80% or higher

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GRADE
100%

Weekly challenge 1

LATEST SUBMISSION GRADE

100%

1. A data analyst at a book publisher is working on an urgent report for executives. They are using only historical data. What is the most likely reason for choosing to analyze only historical data?   **1 / 1 point**

   ○ The data is unknown

   ○ The data is constantly changing

   ○ There is plenty of time to research historical data

   ◉ The project has a very short time frame

   > ✓ **Correct**
   > The most likely reason for choosing to analyze only historical data is that a project has a very short time frame.

2. Which of the following are examples of discrete data? Select all that apply.   **1 / 1 point**

   ☑ Box office returns

   > ✓ **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.

   ☐ 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.

3. Which of the following questions collects nominal qualitative data?   **1 / 1 point**

   ○ How many people do you usually dine with?

   ○ How many times have you dined at this restaurant?

   ○ On a scale of 1-10, how would you rate your service today?

   ◉ Is this your first time dining at this restaurant?

   > ✓ **Correct**
   > "Is this your first time dining at this restaurant?" is a question that collects nominal qualitative data.

4. Which of the following is a benefit of internal data?   **1 / 1 point**

   ○ Internal data is less vulnerable to biased collection.

   ◉ Internal data is more reliable and easier to collect.

   ○ Internal data is the only data relevant to the problem.

   ○ Internal data is less likely to need cleaning.

   > ✓ **Correct**
   > A benefit of internal data is that it's more reliable and easier to collect than external data.

5. A social media post is an example of structured data.   **1 / 1 point**

   ○ True

○ False

✓ **Correct**

A social media post is an example of unstructured data.

6. A Boolean data type must have a numeric value.

1 / 1 point

○ True

● False

✓ **Correct**

A Boolean data type can have many different types of values, but there can only be two of them.

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?

● Long

○ Narrow

○ Short

○ Wide

✓ **Correct**

The selection from the spreadsheet contains long data.

8. A data analyst is working in a spreadsheet application. They use Save As to change the file type from .XLS to .CSV. This is an example of a data transformation.

1 / 1 point

● True

○ False

✓ **Correct**

A data analyst using Save As to change a file type from .XLS to .CSV is an example of a data transformation.