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

Keep Learning

GRADE
93.75%

Test your knowledge on clean versus dirty data

TOTAL POINTS 4

1. Describe the difference between a null and a zero in a dataset. **1 / 1 point**

   ○ A null represents a number with no significance. A zero represents the number zero.

   ○ A null represents a value of zero. A zero represents an empty cell.

   ● A null indicates that a value does not exist. A zero is a numerical response.

   ○ A null signifies invalid data. A zero is missing data.

   ✓ **Correct**
   A null indicates that a value does not exist. A zero is a numerical response.

2. What are the most common processes and procedures handled by data engineers? Select all that apply. **0.75 / 1 point**

   ☐ Developing, maintaining, and testing databases and related systems

   ☑ Transforming data into a useful format for analysis

   ✓ **Correct**
   Data engineers transform data into a useful format for analysis; give it a reliable infrastructure; and develop, maintain, and test databases and related systems.

   ☑ Giving data a reliable infrastructure

   ✓ **Correct**
   Data engineers transform data into a useful format for analysis; give it a reliable infrastructure; and develop, maintain, and test databases and related systems.

   ☐ Verifying results of data analysis

   You didn't select all the correct answers

3. What are the most common processes and procedures handled by data warehousing specialists? Select all that apply. **1 / 1 point**

   ☐ Ensuring data is properly cleaned

   ☑ Ensuring data is secure

   ✓ **Correct**
   Data warehousing specialists are responsible for ensuring data is available, secure, and backed up to prevent loss.

   ☑ Ensuring data is backed up to prevent loss

   ✓ **Correct**
   Data warehousing specialists are responsible for ensuring data is available, secure, and backed up to prevent loss.

   ☑ Ensuring data is available

   ✓ **Correct**
   Data warehousing specialists are responsible for ensuring data is available, secure, and backed up to prevent loss.

4. A data analyst is cleaning a dataset. They want to confirm that users entered five-digit zip codes correctly by checking the data in a certain spreadsheet column. What would be most helpful as the next step? **1 / 1 point**

   ○ Changing the column width to fit only five digits

   ● Using the field length tool to specify the number of characters in each cell in the column

   ○ Formatting the cells in the column as number

   ○ Using the MAX function to determine the maximum value in the cells in the column

   ✓ **Correct**
   Using the field length tool to specify the number of characters in each cell in the column would be the most helpful.