✅ **Congratulations! You passed!**

Grade received 100%   **To pass** 80% or higher

Go to next item

Test your knowledge on the data life cycle

Total points 5

1. Fill in the blank: During the _____ phase of the data life cycle, a business decides what kind of data it needs, how it will be managed, who will be responsible for it, and the optimal outcomes.

1 / 1 point

○ capture

○ archive

○ manage

◉ planning

✓ **Correct**
During the planning phase of the data life cycle, a business decides what kind of data it needs, how it will be managed, who will be responsible for it, and the optimal outcomes.

2. In the data life cycle, which phase involves gathering data from various sources and bringing it into the organization?

1 / 1 point

○ Archive

◉ Capture

○ Analyze

○ Manage

✓ **Correct**
The capture phase involves gathering data from various sources and bringing it into the organization.

3. A data analyst finishes using a dataset, so they erase or shred the files in order to protect private information. This is called archiving.

1 / 1 point

○ True

◉ False

✓ **Correct**
Erasing or shredding files describes the destroy phase of the data life cycle. Archiving involves storing files in a place where it's still available.

4. A dairy farmer decides to open an ice cream shop on her farm. After surveying the local community about people's favorite flavors, she takes the data they provided and stores it in a secure hard drive so it can be maintained safely on her computer. This is part of which phase of the data life cycle?

1 / 1 point

○ Analyze

○ Archive

○ Plan

◉ Manage

✓ **Correct**
This is the manage phase of the data life cycle. It deals with how data is cared for, how and where it's stored, the tools used to keep it safe and secure, and the actions taken to make sure it's maintained properly.

5. After opening the ice cream shop on her farm, the same dairy farmer then surveys the local community about people's favorite flavors. She uses the data she collected to determine that the top five flavors are strawberry, vanilla, chocolate, mint chip, and peanut butter. She feels confident in her decision to sell these flavors. This is part of which phase of the data life cycle?

1 / 1 point

○ Capture

○ Archive

◉ Analyze

○ Plan

✓ **Correct**
This is part of the analyze phase. This phase involves using data to make smart decisions and support business goals.

✓