Test your knowledge on the data analysis toolbox

Total points 5

1. Based on what you have learned in this course, spreadsheets are digital worksheets that enable data analysts to do which of the following tasks? Select all that apply.

    1 / 1 point

    ☑ Store data

    > ✓ **Correct**
    > Spreadsheets enable data analysts to store, organize, sort, and filter data. This helps them see patterns, group information, and easily find the information they need.

    ☐ Choose a topic for data analysis

    ☑ Organize data in columns and rows

    > ✓ **Correct**
    > Spreadsheets enable data analysts to store, organize, sort, and filter data. This helps them see patterns, group information, and easily find the information they need.

    ☑ Sort and filter data

    > ✓ **Correct**
    > Spreadsheets enable data analysts to store, organize, sort, and filter data. This helps them see patterns, group information, and easily find the information they need.

2. Fill in the blank: A set of instructions that performs a specific calculation using spreadsheet data is called _____.

    1 / 1 point

    ◯ a program

    ◯ an operation

    ◯ a report

    ⦿ a formula

    > ✓ **Correct**
    > A set of instructions that performs a specific calculation using spreadsheet data is called a formula.

3. A database is a collection of data stored in a computer system.

○ True

○ False

✓ **Correct**
A database is a collection of data stored in a computer system.

4. In data analytics, SQL is an acronym meaning _____ query language.

○ syntax

○ statistical

◉ structured

○ software

✓ **Correct**
SQL stands for structured query language. It enables data analysts to communicate with a database.

5. What is the term for the graphical representation of data?

○ Data language

○ Data summary

○ Data collection

◉ Data visualization

✓ **Correct**
Data visualization is the graphical representation of data.