

Weekly challenge 3

LATEST SUBMISSION GRADE

100%

1.

Question 1

In which stage of the data life cycle does a business decide what kind of data it needs, how the data will be managed, and who will be responsible for it?

1 / 1 point



Manage



Plan



Capture



Analyze

Correct

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

2.

Question 2

The destroy stage of the data life cycle might involve which of the following actions? Select all that apply.

1 / 1 point



Shredding paper files

Correct

The destroy stage of the data life cycle might involve shredding paper files or using data-erasure software.



Uploading data to the cloud



Using data-erasure software

Correct

The destroy phase of the data life cycle might involve shredding paper files or using data-erasure software.



Storing data for future use

3.

Question 3

A data analyst uses a spreadsheet function to aggregate data. Then, they add a pivot table to show totals from least to greatest. This would happen during which stage of the data life cycle?

1 / 1 point



Plan



Capture



Analyze



Manage

Correct

The analyze stage is when data is used to make good decisions, and a spreadsheet is a very useful tool for supporting that objective.

4.

Question 4

Describe how the data life cycle differs from data analysis.

1 / 1 point



The data life cycle deals with making informed decisions; data analysis is using tools to transform data.



The data life cycle deals with transforming and verifying data; data analysis is using the insights gained from the data.



The data life cycle deals with identifying the best data to solve a problem; data analysis is about asking effective questions.



The data life cycle deals with the stages that data goes through during its useful life; data analysis is the process of analyzing data.

Correct

The data life cycle involves stages for identifying needs and managing data. Data analysis involves process steps to make meaning from data.

5.

Question 5

What actions might a data analytics team take in the act phase of the data analysis process? Select all that apply.

1 / 1 point



Sharing analysis results using data visualizations



Validating insights provided by analysts

Correct

During the act phase, a data analytics team might validate insights, finalize a strategy, and put a plan into action.



Putting a plan into action to help solve the business problem

Correct

During the act phase, a data analytics team might validate insights, finalize a strategy, and put a plan into action.



Finalizing a strategy based on the analysis

Correct

During the act phase, a data analytics team might validate insights, finalize a strategy, and put a plan into action.

6.

Question 6

What is the main difference between a formula and a function?

1 / 1 point



A formula is a set of instructions used to perform a specified calculation; a function is a preset command that automatically performs a specified process.



A formula is used to add or subtract; a function is used to multiply or divide.



A formula begins with an equal sign (=); a function begins with an asterisk (*).



A formula can be used multiple times in a spreadsheet; a function can only be used once.

Correct

A formula is a set of instructions used to perform a specified calculation; a function is a preset command that automatically performs a specified process.

7.

Question 7

Data analysts use queries to request, retrieve, and update information within a database.

1 / 1 point



True



False

Correct

Data analysts use queries to request, retrieve, and update information within a database.

8.

Question 8

Fill in the blank: Structured query language (SQL) enables data analysts to _____ the information in a database. Select all that apply.

1 / 1 point



retrieve

Correct

A query enables data analysts to request, retrieve, and update information from a database.



request

Correct

A query enables data analysts to request, retrieve, and update information from a database.



visualize



update

Correct

A query enables data analysts to request, retrieve, and update information from a database.