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SEARCH IN COURSE

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1. Analyze Data to Answer Questions

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2. Module 1

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3. Weekly challenge 1

≡**Item Navigation**

Let's get organized
Data analysis basics
Organize data for analysis
Sort data in spreadsheets
Sort data using SQL
Weekly challenge 1

Reading: ReadingGlossary: Terms and definitions
. Duration: 5 minutes5 min

Quiz: Weekly challenge 1
8 questions

Weekly challenge 1

Quiz40 minutes • 40 min

Review Learning Objectives

Submit your assignment

Due April 23, 11:59 PM PSTApr 23, 11:59 PM PST

Attempts 3 every 24 hours

Try again

Receive grade

To Pass 80% or higher

Your grade

87.50%

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Weekly challenge 1

Graded Quiz. • 40 min

✔

Congratulations! You passed!

Grade received 87.50%
Latest Submission Grade 87.50%
To pass 80% or higher

1.

Question 1

What is the goal of the analysis phase of the data analysis process?

1 / 1 point

○

◻

To generate new data

◉

◼

To identify trends and relationships in data

○

◻

To make generalizations about data

○

◻

To describe data structures

⊘

Correct

2.

Question 2

After collecting the relevant datasets for their analysis, a data analyst compares this data to external sources. In which of the four phases of analysis does this occur?

1 / 1 point

◉

▣
Get input from others

○

◻
Transform data

○

◻
Organize data

○

◻
Format and adjust data

✓

Correct

3.

Question 3

A data analyst working on a dataset performs several calculations with the data. What phase of analysis is the analyst in?

1 / 1 point

○

◻
Format and adjust data

○

◻
Organize data

○

○
Get input from others

◉

◉
Transform data

⊘
Correct

4.
Question 4

Typically, a data analyst uses filters when they want to expand the amount of data they are working with.

1 / 1 point

○

○
True

◉

◉
False

⊘
Correct

5.
Question 5

A data analyst is using the spreadsheet tool Sort Range. What purpose does this tool serve?

1 / 1 point

○

○

It sorts all of the data in a spreadsheet by the ranking of a specific sorted row.

◉

◉

It allows the analyst to sort a specific selection of cells only.

○

○

It sorts all of the data in a spreadsheet by a specific sorted row.

○

○

It allows the analyst to sort the data in a spreadsheet by a specific sorted column.

✓

Correct

6.

Question 6

A data analyst sorts a spreadsheet range between cells K9 and L20. They sort in ascending order by the first column, Column K. What is the syntax they are using?

0 / 1 point

◉

◉
=SORT(K9:L20, 1, FALSE)

○

○
=SORT(K9:L20, 1, TRUE)

○

○
=SORT(K9:L20, K, FALSE)

○

○
=SORT(K9:L20, K, TRUE)

7.

Question 7

You are querying a database that contains data about music. Each album is given an ID number. You are only interested in data related to the album with ID number 3. The album IDs are listed in the album_id column.

You write the following SQL query, but it is incorrect. What is wrong with the query?

SELECT *
FROM Track
WHERE album = 3

1 / 1 point

○

◌
In line 3, album is not capitalized.

○

◌
SELECT, FROM, and WHERE should be capitalized.

○

◌
Line 3 contains an equal sign.

◉

◼
In line 3, album should be album_id.

✓

Correct

8.

Question 8

You are working with a database that contains invoice data about online music purchases. You are only interested in invoices sent to customers located in the city of Delhi. You want to sort the invoices by order total in ascending order. The order totals are listed in the *total* column.

You write the SQL query below. However this query is incorrect. What is wrong with it?

SELECT *
FROM invoice
WHERE billing_city = "Delhi"
ORDER BY order_total

1 / 1 point

○

○

Line 4 contains the word BY.

○

○

In line 3, "Delhi" has quotation marks.

◉

◉

In line 4, order_total should be total.

○

○

SELECT, FROM, WHERE, and ORDER BY are capitalized.

⊘

Correct