✔ **Congratulations! You passed!**

Weekly challenge 1
Quiz • 40 min

Grade received 100%	Latest Submission grade 100%	To pass 80% or higher

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Review Learning Objectives

1. Fill in the blank: The _____ phase of the data analysis process includes organizing data, formatting and adjusting data, getting input from others, and transforming data by observing relationships between data points and making calculations.

1 / 1 point

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○ prepare **Due** Jun 18, 11:59 PM +08   **Attempts** 3 every 24 hours

Try again

◉ analyze

○ act

○ process

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⊘ Correct

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2. A data analyst investigates the data they've collected to look for patterns and relationships between the data. They also perform calculations based on the data. In which of the four phases of analysis does this occur?

1 / 1 point

○ Format and adjust data

◉ Transform data

○ Get input from others

○ Organize data

⊘ Correct

3. A data analyst is working on a dataset and begins the transform dataphase of analysis. What are some of the actions that they will take? Select all that apply.

1 / 1 point

☑ Performing a calculation with data

⊘ Correct

☑ Finding a correlation in data

⊘ Correct

☐ Deleting data

☐ Archiving data

4. A data analyst chooses to rank the data based on a specific metric. What is the term for this action?

1 / 1 point

◉ Sorting

○ Modeling

○ Filtering

○ Measuring

⊘ Correct

5. A data analyst is sorting spreadsheet data. They use the spreadsheet tool Sort Sheet. What does this tool do?

1 / 1 point

○ 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 column.

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

○ It allows the analyst to sort by a specific sorted row.

⊘ Correct

6. A data analyst sorts a spreadsheet range between cells A15 and G71. They sort in ascending order by the second column, Column B. What is the syntax they are using?

1 / 1 point

○ =SORT(A15:G71, 2, FALSE)

◉ =SORT(A15:G71, 2, TRUE)

○ =SORT(A15:G71, B, TRUE)

○ =SORT(A15:G71, B, FALSE)

⊘ Correct

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.

1 / 1 point

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

SELECT *
FROM Track
WHERE album = 3

○ In line 3, album is not capitalized.

○ Line 3 contains an equal sign.

◉ In line 3, album should be album_id.

○ SELECT, FROM, and WHERE should be capitalized.

⊘ Correct

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

1 / 1 point

SELECT *
FROM invoice
WHERE billing_city = "Chicago"
ORDER total

◉ Line 4 is missing the BY between ORDER and total.

○ In line 3, "Chicago" has quotation marks.

○ Line 4 is missing column = between ORDER and total.

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

⊘ Correct