

Working with databases

Managing data with metadata

Accessing different data sources

Sorting and filtering

Working with large datasets in SQL

Weekly challenge 3*

Reading: Glossary: Terms and definitions

10 min

Quiz: Weekly challenge 3*

8 questions

👍 Like

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🏆 Congratulations! You passed!

Grade received 93.75%

Latest Submission received 93.75%

To pass 80% or higher

Go to next item

Quiz • 40 min

Submit your assignment

Due Jul 2, 11:59 PM +08

Attempts 3 every 24 hours

Try again

Review Learning Objectives

1. Primary and foreign keys are two connected identifiers within separate tables. These tables exist in what kind of database?

1 / 1 point

○ Metadata

👍 Submit your assignment

👎 This should not be selected

Please review [the video about using metadata as an analyst](#) 📄.

👍 Receive grade

To Pass 80% or higher

👍 Correct

👍 Choose which analyses to run.

0.75 / 1 point

👍 This should not be selected

Please review [the video about using metadata as an analyst](#) 📄.

👍 Ensure data is clean and reliable.

👍 Correct

👍 Understand the contents of a database.

👍 Correct

👍 Combine data from more than one source.

👍 Correct

3. Which type of metadata is used to indicate where a digital asset or piece of information originated from?

1 / 1 point

👍 Administrative

○ Structural

○ Descriptive

○ General

👍 Correct

4. What is the process that data analysts use to ensure the formal management of their company's data assets?

1 / 1 point

👍 Data governance

○ Data aggregation

○ Data integrity

○ Data mapping

👍 Correct

5. What are some of the reasons for open data initiatives? Select all that apply.

0.75 / 1 point

👍 To make government activities more transparent

👍 Correct

👍 To give people ways to provide feedback to the government

👍 Correct

👍 To educate citizens about local issues

👍 Correct

👍 To increase protection of proprietary data

👍 This should not be selected

Please review [the video about internal and external data](#) 📄.

6. A school has a list of currently enrolled students with the columns first_name, last_name, and current_grade_level. They assign students to a guidance counselor by the first letter of their last name. (For example, counselor 1 will get A, B, and C; counselor 2 will get D, E, and F; and so on.) What would be the first step in organizing this data so the school can assign counselors to students?

1 / 1 point

○ Sort current_grade_level numerically in ascending order.

○ Sort current_grade_level numerically in descending order.

○ Sort first_name alphabetically in ascending order.

👍 Sort last_name alphabetically in ascending order.

👍 Correct

7. In the following piece of SQL code, what does the asterisk (*) represent?

1 / 1 point

SELECT * FROM customers

👍 Include all columns.

○ Include all tables.

○ Include specified conditions.

○ Include the first column.

👍 Correct

8. You are working with a database table that contains customer data. The state column lists the state where each customer is located. The state names are abbreviated. You want to find out which customers are located in the U.S. state of Florida (FL).

1 / 1 point

You write the SQL query below.

SELECT * FROM Customer

What code would be added to return only customers located in FL?

○ IN state = 'FL'

○ JOIN state = 'FL'

○ state = 'FL'

👍 WHERE state = 'FL'

👍 Correct

?