

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

✔ Congratulations! You passed!

Grade received

93.75%

Latest Submission

Grade 97.30%

To pass 80% or higher

Quiz • 40 min

Review Learning Objectives

Retake the assignment in 23h 57m

Go to next item

1. In a relational database, what type of key is used to connect individual tables together, and a table can have more than one of this type of key? 1 / 1 point

- ✔ Submit your assignment

Due Jul 2, 11:59 PM +08 Attempts 3 every 24 hours
- ☐ Normalized

☐ Primary

☐ Secondary

☒ Foreign

☒ Correct To Pass 80% or higher

Try again

Retake the quiz in 23h 57m

Your grade

93.75%

View Feedback

We keep your highest score

2. A data analyst is working on a project. They need additional data from a third party to complete the analysis. What type of information would the data analyst consider to confirm that the data is reliable? 1 / 1 point

- ☐ Database access logs

☐ Table names

☐ Database names

☒ Metadata

☒ Correct

3. Which type of metadata is additional information about a digital asset and can be used to identify it later? 1 / 1 point

- ☐ Structural

☒ Descriptive

☐ General

☐ Administrative

☒ Correct

4. Fill in the blank: Data _____ is the process of ensuring the formal management of a company's data assets. 1 / 1 point

- ☐ aggregation

☐ integrity

☒ governance

☐ mapping

☒ Correct

5. What are some key benefits of using external data? Select all that apply. 1 / 1 point

- ☒ External data provides industry-level perspectives.

☒ Correct

☐ External data is always reliable.

☐ External data is free to use.

☒ External data has broad reach.

☒ Correct

6. A football team has a list of all games played in their home stadium containing the columns game_date, opponent_name, total_revenue, and game_result. How could they sort this data to determine the game that made the team the most money? 1 / 1 point

- ☐ Sort game_result alphabetically in ascending order.

☐ Sort game_date numerically in ascending order.

☐ Sort opponent_name alphabetically in descending order.

☒ Sort total_revenue numerically in descending order.

☒ Correct

7. When writing a query, the name of the dataset can either be inside two backticks, or not, and the query will still run properly. 0 / 1 point

- ☐ True

☒ False

☒ Incorrect Please review [the section about using SQL with large datasets](#) ↗.

8. You are working with a database table that contains customer data. The *company* column lists the company affiliated with each customer. You want to find customers from the company Riotur. 1 / 1 point

You write the SQL query below.

`SELECT * FROM Customer`

What code would be added to return only customers affiliated with the company Riotur?

- ☐ `company = 'Riotur'`

☒ `WHERE company = 'Riotur'`

☐ `JOIN company = 'Riotur'`

☐ `IN company = 'Riotur'`

☒ Correct