

Getting Started

Selecting and Retrieving Data with SQL

- ✔

Video: Module Introduction

1 min
- ✔

Video: What is SQL Anyway?

7 min
- ✔

Video: Data Models, Part 1: Thinking About Your Data

5 min
- ✔

Video: Data Models, Part 2: The Evolution of Data Models

3 min
- ✔

Video: Data Models, Part 3: Relational vs. Transactional Models

5 min
- ✔

Video: Retrieving Data with a SELECT Statement

4 min
- ✔

Video: Creating Tables

7 min
- ✔

Video: Creating Temporary Tables

4 min
- ✔

Video: Adding Comments to SQL

5 min
- ✔

Practice Quiz: Let's Practice!

5 questions
- ✔

Practice Quiz: Practice Simple Select Queries

10 questions
- ▶

Video: Summary

1 min
- 📖

Reading: SQL Overview

15 min
- 📖

Reading: Data Modeling and ER Diagrams

35 min

Review

✔ Congratulations! You passed!

Grade received 100%. To pass 90% or higher

Practice Quiz • 30 min

Go to next item

1. To prepare for the graded coding quiz, you will be asked to execute a query, read the results, and select the correct answer you found in 1 / 1 the results. This question is for you to practice executing queries. I have provided you the script for this query, a simple select statement. Think of this as a sandbox for you to practice. As you practice executing queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select statement.

Run query: Retrieve all the data from the tracks table. Who is the composer for track 18?

✔ Receive grade

1 Select Composer

2 From Tracks

3 WHERE TrackId=18;

Your grade

100%

View Feedback

We keep your highest score

Run

Reset

👍 Like 🗨 Dislike 🚩 Report an issue

The compose of track 18 is AC/DC.

✔ **Correct**
AC/DC is the composer for track 18.

A simple select statement is the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

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Run Query: Retrieve all data from the artists table. Look at the list of artists, how many artists are you familiar with (there is no wrong answer here)?

1 Select *

2 From Artists;

Run

Reset

I am familiar with 5 artists.

✔ **Correct**
There are no incorrect answers to this question as it is subjective to you. Again, this is a simple select statement to help you obtain information from a set of data. They are the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

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Run Query: Retrieve all data from the invoices table. What is the billing address for customer 31?

1 Select *

2 From Invoices;

3

4 -- Select BillingAddress

5 -- From Invoices

6 -- WHERE CustomerId=31;

Run

Reset

194A Chain Lake Drive, Halifax, NS, CANADA B3S 1C5

✔ **Correct**
194A Chain Lake Drive, Halifax, NS, CANADA B3S 1C5

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Run Query: Return the playlist id, and name from the playlists table. How many playlists are there? Which would you classify is your favorite from this list?

1 SELECT PlaylistId, Name FROM Playlists;

2

3 -- SELECT COUNT(Name) FROM Playlists;

Run

Reset

18 Playlists. 90's Music is my favorite.

✔ **Correct**
There are 18 playlists. We're a bit partial to the Audiobooks ourselves. :)

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Run Query: Return the Customer Id, Invoice Date, and Billing City from the Invoices table. What city is associated with Customer ID number 42? What was the invoice date for the customer in Santiago?

1 Select CustomerId,

2 InvoiceDate,

3 BillingCity

4 From Invoices;

5

6 -- Select BillingCity

7 -- From Invoices WHERE CustomerId=42;

8

9 -- Select InvoiceDate

10 -- From Invoices

11 -- WHERE BillingCity='Santiago';

Run

Reset

Customer with id 42 is associated with 'Bordeaux' city, 2009-04-04 is the invoice date for the customer in Santiago.

✔ **Correct**
Bordeaux
2009-04-04

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Run Query: Return the First Name, Last Name, Email, and Phone, from the Customers table. What is the telephone number for Jennifer Peterson?

1 Select FirstName, LastName, Email, Phone FROM Customers;

2 -- Select Phone FROM Customers WHERE FirstName='Jennifer' AND LastName='Peterson';

Run

Reset

+1 (604) 688-2255 is the telephone number for Jennifer Peterson.

✔ **Correct**
Jennifer Peterson's phone number is: +1 (604) 688-2255

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7. To prepare for the graded coding quiz, you will be asked to execute a query, read the results, and select the correct answer you found in 1 / 1 the results. This question is for you to practice executing queries. I have provided you the script for this query, a simple select