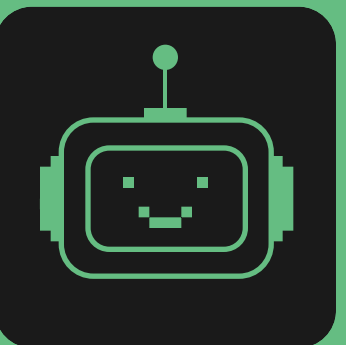


SQL 101: Like You've Never Seen it Before

Syllabus

Free Course

No tech background needed



Chapter 1 • 1 hour

Introduction to Databases

You will learn about databases and database management systems, while becoming familiar with basic SQL commands, like how to select specific data from an SQL database. You will also explore some essential SQL style guidelines.

Chapter 4 • 2 hours

Aggregate Functions. Grouping and Sorting Data

You'll start to learn how to analyze and group data using aggregate functions.

Chapter 2 • 2 hours

Data Slices in SQL

In this chapter, you'll start making more specialized requests with data slices. You'll learn about data types, comparison operators, and logical operators.

Chapter 5 • 2 hours

Table Relationships and Table Joining Types

You'll begin working with more than one table, understanding table relationships and why we'd want to join tables.

Chapter 3 • 2 hours

Data Slice Mastery

In this chapter, you'll go even further into getting specified chunks of data. You'll figure out how to use string functions, work with null, and learn about conditional CASE statements.

Chapter 6 • 2 hours

Subqueries and CTEs

We'll go down the rabbit hole and start working with nested queries, otherwise known as subqueries. Next, you'll find out how temporary tables can help you manage your work with subqueries.

Chapter 7 • 2 hours

Installing and Setting Up a Database Client

You've learned the language, so now it's time to learn how to actually use a database client. We'll install it, create databases, and dive into other higher-level database tasks.

1.5 hours

Final Assessment & Conclusion

One last test! We'll make sure you've absorbed everything in the SQL course by assessing your skills. And then we'll wrap things up!

Chapter 8 • 2 hours

Database Administration Basics

To write SQL is human; to administer a database is divine. You've installed and set up the database, so now let's take a deep dive and see how to create and delete objects, use database schemas, and change data types and field names.

Learn  the job.

✦ ✦ Get the job. ✦ ✦