



SQL: A Practical Introduction for Querying Databases

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Instructor: [Rav Ahuja](#)

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Starts Dec 1

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5 modules

Gain insight into a topic and learn the fundamentals.

4.7 ★

(669 reviews)

Beginner level

Recommended experience ⓘ

Flexible schedule

2 weeks at 10 hours a week
Learn at your own pace

👍 95%

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Getting Started with SQL

Module 1 • 2 hours to complete

Introduction to Relational Databases and Tables

Module 2 • 3 hours to complete

Intermediate SQL

Module 3 • 4 hours to complete

Working with real-world data sets, Final Project & Exam

Module 4 • 3 hours to complete

Advanced SQL for Data Engineers

Module 5 • 7 hours to complete



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Instructor

Instructor ratings 4.6 ★ (167 ratings)



[Rav Ahuja](#)

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Build your subject-matter expertise

This course is available as part of [multiple programs](#)

When you enroll in this course, you'll also be asked to select a specific program.

- Learn new concepts from industry experts
- Gain a foundational understanding of a subject or tool
- Develop job-relevant skills with hands-on projects
- Earn a shareable career certificate from IBM



There are 5 modules in this course

Much of the world's data lives in databases. SQL (or Structured Query Language) is a powerful programming language that is used for communicating with and manipulating data in databases. A working knowledge of databases and SQL is a must for anyone who wants to start a career in Data Engineering, Data Warehousing, Data Analytics, Data Science or Business Intelligence. The purpose of

[Read more](#)

Getting Started with SQL

Module 1 • 2 hours to complete

Instructor

Instructor ratings 1 4.6 ★ (167 ratings)



What you'll learn

- ✓ Analyze data within a database using SQL.
- ✓ Write SQL statements including SELECT, INSERT, UPDATE, and DELETE.
- ✓ Create a relational database on Cloud and work with tables.
- ✓ Build more powerful queries with advanced SQL techniques like views, transactions, stored procedures and joins.

Skills you'll gain

Databases SQL Data Manipulation Stored Procedure Data Analysis Transaction Processing Database Systems
Query Languages Relational Databases Database Management MySQL IBM DB2 [View all skills](#)

Details to know



Shareable certificate

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Assessments

15 assignments¹

[AI Graded see disclaimer](#)



Taught in English

[27 languages available](#)