



SQL: A Practical Introduction for Querying Databases

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Instructor: [Rav Ahuja](#)

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5 modules

Gain insight into a topic and learn the fundamentals.

4.7 ★

(673 reviews)

Beginner level

Recommended experience ⓘ

Flexible schedule

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

👍 95%

Most learners liked this course

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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

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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

Instructor

Instructor ratings  4.6 ★ (168 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

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Getting Started with SQL

Module 1 • 2 hours to complete

Instructor

Instructor ratings (168 ratings) 4.6 ★



Rav Ahuja

IBM

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What you'll learn

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

Skills you'll gain

Data Manipulation Databases IBM DB2 Database Systems Microsoft SQL Servers Transaction Processing
Database Management Stored Procedure Data Analysis Relational Databases MySQL SQL [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](#)

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