



SQL: A Practical Introduction for Querying Databases

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Instructor: [Rav Ahuja](#)

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Starts Dec 1

68,926 already enrolled

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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%

Most learners liked this course



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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

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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 ⓘ 4.6 ★ (167 ratings)


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


- 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