Free

SQL for Data Analysis
Course

You've completed this program

100%

Curriculum   Overview   Instructors

100%   Course 1

SQL for Data Analysis

Learn how to execute core SQL commands to define, select, manipulate, control access, aggregate, and join data and data tables. Understand when and how to use subqueries, several window functions, and partitions to complete complex tasks. Clean data, optimize SQL queries and write select advanced JOINs to enhance analysis performance.

Hide Lessons ∧

📄 **Lesson**

① **Complete**

Basic SQL

In this section, you will gain knowledge about SQL basics for working with a single table. You will learn the key commands to filter a table in many different ways.

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② **Complete**

Explore More

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③ **Complete**

SQL Joins

In this lesson, you will learn how to combine data from multiple tables together.

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SQL Aggregations

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In this lesson, you will learn how to aggregate data using SQL functions like SUM, AVG, and COUNT. Additionally, CASE, HAVING, and DATE functions provide you an incredible problem solving toolkit.

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Complete

SQL Subqueries & Temporary Tables

In this lesson, you will be learning to answer much more complex business questions using nested querying methods - also known as subqueries.

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SQL Data Cleaning

Cleaning data is an important part of the data analysis process. You will be learning how to perform data cleaning using SQL in this lesson.

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[Advanced] SQL Window Functions

Compare one row to another without doing any joins using one of the most powerful concepts in SQL data analysis: window functions.

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Complete

[Advanced] SQL Advanced JOINs & Performance Tuning

Learn advanced joins and how to make queries that run quickly across giant datasets. Most of the examples in the lesson involve edge cases, some of which come up in interviews.

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Congratulations!

Congratulations on your graduation from this program! Please join us in celebrating your accomplishments.

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Complete

What's Next

▶ Resume