


SQL basics - Lesson overview


Understanding the **fundamentals of SQL** and the **SQL sublanguages** is crucial for effectively managing and manipulating data.


In this lesson, we'll introduce the **five principal SQL sublanguages** and their respective commands. We will focus on **DDL commands** to learn how to define data structure and **DML commands** to manipulate data. Additionally, we'll learn how to use the **WHERE clause** and **AND operator** to modify specific records based on conditions. By the end of this lesson, you'll have the knowledge and skills to navigate SQL databases and apply techniques to manage and manipulate data.


Learning objectives


- Understand the fundamentals of SQL, its significance in relational databases, and the five principal SQL sublanguages.
- Know how to define data structure using DDL statements, including CREATE, ALTER, TRUNCATE, and DROP.
- Know how to define data structure using DDL statements, including CREATE, ALTER, TRUNCATE, and DROP.
- Understand how to use the WHERE clause and AND operator to modify specific records based on conditions.
- Learn to import data from a CSV file into an existing database table.

 Video

 Slide deck

 Walk-through

 Knowledge questions

 Reference card

