

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
- Know how to define data structure using DDL statements, including CREATE, ALTER, TRUNCATE, and
- Understand how to use the WHERE clause and AND operator to modify specific records based on
- Learn to import data from a CSV file into an existing database table.

 **Video**

 **Knowledge questions**

 **Slide deck**

 **Reference card**

 **Walk-through**

