

# Querying in notebooks – Lesson overview

Jupyter Notebook is a powerful tool that combines code, documentation, and visualisation, making it an ideal platform for data analysis and database querying tasks.

In this lesson, we'll look at using Jupyter notebooks to **interact with SQL** and SQL databases. Additionally, we demonstrate how to use **SQL best practices** and **execute basic SQL queries** in Jupyter notebooks.

## Learning objectives

- Install Python packages for SQL.
- Know how to interact with SQL databases using SQL magic commands and run basic queries in a notebook.
- Know how to read data across multiple tables in a database.
- Learn how to use aliases and comments in SQL to make code more readable.



Walk-through



Notebook



Knowledge questions



Exercise

