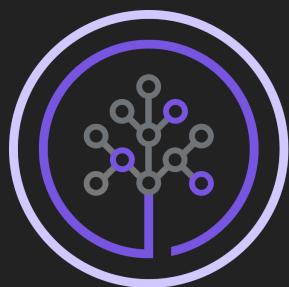


# Hands-on Lab: Simple SELECT Statements



**Skills  
Network**

**Estimated time needed:** 20 minutes

In this lab, you will learn one of the most commonly used statements of SQL (Structured Query Language), the SELECT statement. The SELECT statement is used to select data from a database.

## Objectives

After completing this lab, you will be able to:

- Query a database to obtain a response as a result set
- Retrieve all or selected columns of a dataset
- Apply criteria commands to filter the result set

## Software Used in this Lab

In this lab, you will use Datasette, an open source-tool for exploring and publishing data. You can visit the [Datasette GitHub repository here](#).

### Working with Datasette

The **Datasette** tool offers a platform to input and execute SQL queries. By clicking the **Submit query** button, you can execute the SQL query.

A screenshot of the Datasette web application. The top navigation bar has a blue header with the text "home / SanFranciscoFilmLocations" on the left and a three-line menu icon on the right. The main content area has a white background with a dark blue header bar containing the text "Practice SQL". Below this, there is a form with a text input field containing the SQL query "SELECT \* FROM locations". To the right of the input field are two buttons: "Submit query" and "Cancel". At the bottom of the page, there is a footer bar with the text "Database: SanFranciscoFilmLocations".