# SQL

## Overview

This folder contains SQL scripts and resources for querying and managing databases. It includes basic to advanced SQL queries and database operations.

## Content

- \*\*basic\_queries.sql\*\*: Examples of basic SQL queries, including SELECT, INSERT, UPDATE, DELETE.

- \*\*joins.sql\*\*: Demonstrates different types of SQL joins (INNER, LEFT, RIGHT).

- \*\*database\_setup.sql\*\*: Scripts for creating and populating sample databases.

## Purpose

To learn and practice SQL for database management, querying, and data manipulation.

## References

- [SQL Documentation](https://www.mysql.com/products/workbench/)

- [W3Schools SQL Tutorial](https://www.w3schools.com/sql/)

- \*\*Book\*\*: SQL for Data Scientists by Renee M. P. Teate

## Usage

Execute the `.sql` files using an SQL client or database management system like MySQL Workbench or PostgreSQL.