

SQL Problem-Solving Workshop: Prerequisites and Curriculum



About the Workshop

In this **3-hour hands-on workshop**, you'll learn how to **think through SQL problems like a data analyst** by breaking business questions into logical steps and determining how to build the right query to answer them.

This session will focus on using foundational SQL skills to solve realistic business problems. You'll learn how to determine **what data you need, which conditions to apply, and how to structure your query** to get the correct results. Through hands-on exercises, you'll practice **filtering data with WHERE, applying multiple conditions, sorting results with ORDER BY, and limiting the number of records returned**.

By the end of the workshop, you'll have a stronger process for approaching SQL questions and greater confidence figuring out **how to build a query when you're given a business problem instead of step-by-step instructions**.

SQL Prerequisites Skills

The skills listed below are **required prerequisites** for participation in the workshop. If you are **not yet comfortable** using these skills in SQL, we kindly ask that you **do not register at this time**, as these topics **will not be covered during the workshop**.

Database structure

Text, dates, and numeric data types

Basic data extracting using SELECT and FROM

Order by

Where

Limiting data

