

SQL – Fundamentals and Queries

Description

Learn SQL and master it! Revolutionize your data management with our **SQL Training**. Learn how to execute complex queries and fully leverage your relational databases, whether you're a beginner or already familiar with the basics.

This hands-on course will guide you from the fundamentals to advanced techniques, covering everything from executing simple queries to exporting data. With our **SQL database training**, become an expert in record time and turn your skills into a valuable asset for your career.

Course Content

Module 1 : Introduction to SQL Usage and Terminology

- What is SQL and What can SQL Do?
- SQL Keyword Command Language and Hierarchy
- Introduction and Usage of the Select Clause Statement

Module 2 : Executing A Simple Query

- Connect to a SQL Database
- Query a Database
- Save a Query
- Modify and Execute a Saved Query

Module 3 : Performing Queries Using Criteria Conditions

- Query Using One or More Conditions
- Query for a Range of Values and NULL Values
- Query Data Using Wildcard Characters
- Applying And/Or Operators
- Format Column Headings with Aliases
- Format Query Results Data

Module 4 : Summarizing Data with Mathematical Functions

• Perform Date Calculations

- Summarize Data Using Aggregate Functions
- Manipulate Text Results with String Functions

Module 5: Organizing Query Data Results

- Sort Data with "Order By" Clause
- Group Data with "Group By" Clause
- Rank Data Using "Rank" Function
- Filter Grouped Data
- Summarize Grouped Data
- Use PIVOT and UNPIVOT Operators

Module 6 : Retrieving Data from Multiple Tables

- Understanding SQL Joins
- Retrieve Data by Joining Tables
- Combine the Results of Two Queries
- Compare the Results of Two Queries
- Introduction into Sub-Queries

Module 7 : Exporting Query Results

- Export to Excel Workbook
- Generate a Text File

Documentation

• Digital courseware included

Participant profiles

• Beginner to SQL

Prerequisites

• No prerequisites

Objectives

• Exploit the contents of a relational database essentially based on SELECT queries

Description SQL Training Niveau Fondamental Classroom Registration Price (CHF) 2300 Virtual Classroom Registration Price (CHF) 2150 Duration (in Days) 3 Reference SQL-01