

IBM - SQL Workshop - SPVC

Code: 2E121G-SPVC

URL: [View Online](#)

This IBM Self-Paced Virtual Class (SPVC) includes:

- PDF course guide available to attendee during and after course
- Lab environment where students can work through demonstrations and exercises at their own pace

This course provides an introduction to the SQL language. This course is appropriate for those working in all DB2 environments, but particularly for, z/OS, Linux, UNIX, and Windows.

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the **Self-Paced Virtual Classes and Web-Based Training Classes** on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course.

[/terms](#)

Skills Gained

- Code SQL statements to retrieve data from a DB2 table, including the SELECT, FROM, WHERE, GROUP BY, HAVING and ORDER BY clauses
- Code inner joins and non-correlated subqueries
- Use SQL arithmetic operations
- Use scalar and column functions
- Use UNION and UNION ALL
- INSERT, UPDATE and DELETE rows
- Code simple CREATE TABLE and CREATE VIEW statements

Who Can Benefit

This basic course is for everyone needing to write, support, or understand SQL queries. This includes but is not limited to end-users, programmers, application designers, database administrators, and system administrators who do not yet have knowledge of the SQL Data Manipulation Language (DML).

Prerequisites

This course provides an introduction to the SQL language. This course is appropriate for students working in all DB2

environments, but particularly for, z/OS, Linux, UNIX, **and** Windows. The prerequisite for this course are:

- Basic computer literacy
- Basic editing skills
- Database skills are not required

Course Details

Abstract

IBM Education Advantage Program Eligibility:

- Yes - Education Pack - online account

Course Outline

- Introduction
- Simple SQL Queries
- Retrieving Data from Multiple Tables
- Scalar Functions and Arithmetic
- Column Functions and Grouping
- UNION and UNION ALL
- Using Subqueries
- Maintaining data

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

DB2 - DB2 SQL for Experienced Users - SPVC

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