

DB2 SQL WORKSHOP FOR EXPERIENCED USERS (CE131G - CL732G)

Course Code: 9028

IBM Course Code: CE131CE

This course teaches you how to make use of advanced SQL techniques to access DB2 databases in different environments. This course is appropriate for customers working in all DB2 environments, specifically for z/OS, Linux, UNIX, and Windows.

What You'll Learn

- Discuss basic relational database concepts
- Use some of the OLAP features of DB2, such as GROUPing and RANKing functions
- Create tables, views and indexes
- Use referential integrity, check constraints and triggers
- Use outer joins, and join tables to themselves
- Use CASE expressions, and the CAST function
- Identify the impact of Summary Tables, Materialized Query Tables, and temporary tables
- Use complex subqueries
- Use a greater number of scalar SQL functions
- Use advanced SQL constructs, such as recursive SQL and table expressions
- Define User-Defined Distinct Types and User-Defined Functions
- Avoid several of the most common causes for poorly-performing SQL

Who Needs to Attend

This intermediate course is for experienced SQL end users, application programmers, database administrators, and user support staff who need more advanced knowledge of SQL.

Prerequisites

You should have experience with:

- Coding **and** executing basic SQL statements.

These skills can be developed by attending

- *SQL Workshop (CE120)*, **or** equivalent experience.

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