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Business
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Db2 11.5 for LUW: SQL Workshop

Duration: 2 Days   Course Code: CL722G   Delivery Method: Virtual Classroom

Overview:

This course provides an introduction to the SQL language. This course utilizes IBM Data Studio on a Windows 11 operating system, but the SQL queries are appropriate for Linux, UNIX, and Windows environments.
This course introduces SQL, including syntax, retrieving data from a Db2 table, coding inner joins, arithmetic operations, and scalar and columnar functions. Learners will also explore the UNION function, inserting, updating, and deleting rows, and will use the create table and create view statements.
Students will participate in hands-on exercises to practice what they have learned.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is intended for individuals seeking 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).

Objectives:

- After completing this course, learners should be able to:

- Code SQL statements to retrieve data from a Db2 database table, including the SELECT, FROM, WHERE, GROUP BY, HAVING, and ORDER BY clauses

- Code inner joins

- Use SQL arithmetic operations

- Use scalar and columnar functions

- Use UNION and UNION ALL

- Code SQL statements to INSERT, UPDATE, and DELETE rows

- Code simple CREATE TABLE and CREATE VIEW statements

Prerequisites:

Participants should have the following skills:

- Familiarity with the Windows Operating System
- Basic computer literacy

Content:

- Course Introduction
- Unit 1: SQL Introduction
- Unit 2: Simple SQL Queries

- Unit 3: Retrieving Data from Multiple Tables
- Unit 4: Scalar Functions and Arithmetic
- Unit 5: Column Functions and Grouping

- Unit 6: UNION
- Unit 7: Using Subqueries
- Unit 8: Maintaining Data

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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