Introduction to SQL

Cursusduur: 1 Dag   Cursuscode: ISQL

Beschrijving:

Introduction to SQL Course Overview

The Introduction to SQL course is designed to give delegates practical experience in using ANSI standard SQL. As it is a generic course,some of the differences between different vendors' implementations will be noted.
Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

Doelgroep:

Who will the Course Benefit?

Anyone who needs to understand and use SQL to manipulate a database.
There are no formal pre-requisites for this Introduction to SQL course,although an understanding of databases and exposure to information technology in general would be useful.

Doelstelling:

- Course Objectives

- To provide the knowledge and skills needed to retrieve data held in a relational database.

Vereiste kennis en vaardigheden:

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There are no formal pre-requisites for the Introduction to SQL course,although an understanding of databases and exposure to information technology in general would be useful. This knowledge can be gained by attendance on the Relational Databases & Data Modelling Overview course.

Vervolgcursussen:

Further Learning

- Oracle SQL
- SQL for PostgreSQL
- Querying Microsoft SQL Server with Transact-SQL
- Introduction to MySQL
- Introduction to MariaDB

Cursusinhoud:

Introduction to SQL Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: RELATIONAL DATABASE CONCEPTS

- What is a Relational Database?
- Relational Database Structures
- Tables,Rows and Columns
- Indexes,Primary Keys and Foreign Keys
- Data Types
- The Data Dictionary

Session 2: RETRIEVING DATA WITH THE SELECT STATEMENT

- The SELECT Statement
- The SELECT and FROM Clauses
- Conditions and the WHERE Clause
- Other Conditional Operators
- Logical Operators
- The ORDER BY Clause
- Column Aliases
- Arithmetic Operations
- Precedence of Operators

Session 3: AGGREGATE FUNCTIONS

- Overview of Built in Aggregate Functions
- The GROUP BY Clause
- The HAVING Clause

Session 4: JOINING TABLES

- Overview of Table Joins
- Inner Joins
- Table Aliases
- Outer Joins
- Self Joins
- ANSI Standard Joins

Session 5: BASIC SUBQUERIES AND SET OPERATORS

- Overview of Subqueries
- Basic Subqueries
- Set Operators

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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