Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

SQL, Oracle, Access courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

300,00 €

PRICE INCL. VAT

369,00 €

including 23 % VAT

Macrosoft školiace centrum
Aktuálne informácie na Macrosoft.sk

PDF SYLLABUS

SQL SERVER Working with a Database I.

Clear overview of course topics, training scope and key information.

The Microsoft SQL SERVER Working with a Database I course is intended for users who will work with SQL Server.

COURSE CONTENT

01 Getting Familiar with the Microsoft SQL Server Environment

Installation of SQL Server and SQL Server Management Studio
Creating a database
Creating a table, data types
Entering data into a table
Changing data
Displaying a table
Deleting a table

02 Connection with MS Excel and MS Access

03 Creating and Editing Databases

Relational relationships between tables
Primary keys, foreign keys
Ensuring data integrity
Database diagram
Creating views, advantages of their use

04 Creating a Backup

Macrosoft

Vzdelávanie s trvalým efektom

05 SQL Language Syntax

SELECT, CREATE TABLE, INSERT, UPDATE, DROP TABLE commands
Filtering data using the WHERE command
Logical operations
Creating compound conditions using AND and OR
NOT, IN, BETWEEN commands
LIKE operator and using wildcard characters
Sorting using the ORDER BY command
Changing table columns using the ALTER TABLE command
Deleting rows using the DELETE command
Setting constraints for columns
Joining tables using INNER JOIN, LEFT JOIN, RIGHT JOIN, FULL OUTER JOIN commands
Aggregate functions - SUM, AVG, COUNT, MIN, MAX

06 Grouping through GROUP BY, Filtering Rows Using HAVING

07 Discussion

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/sql-server-working-with-a-database