

COURSE: Querying SQL Server Fundamentals

SQL Server Fundamentals courses give you an excellent base for successful career as administrator or data base developer. Their practical purpose, use of scenarios of working practice will help both the beginners, as well as the more experienced students to protect in a better way the data of their organizations, to react quicker and adequate to all issues, which are data base related, and to avoid following some harmful myths and wrong concepts in administration and data base development.

Summary

<i>Duration:</i>	<i>3 days/ 24 hours</i>
<i>Level:</i>	<i>100*</i>
<i>Delivery method:</i>	<i>In class</i>
<i>Language:</i>	<i>Bulgarian</i>
<i>Price:</i>	<i>350 Euro excl VAT</i>

* The difficulty level is consistent with the widely accepted scale of technical difficulty of training on Microsoft Corp

AUDIENCE:

- Database Administrators
- Business Analysts
- Database professionals
- Data experts and knowledge user with SQL
- Database Developers

AFTER THE TRAINING ATTENDEES WILL BE ABLE TO:

- Create simple to complex queries to retrieve data from SQL Server database using Transact-SQL language
- Use data from several tables to group, aggregate data
- To distinguish the types of data and use the system functions for data processing of SQL Server
- To use specific language structures (IF ELSE, CASE) in order to write more complex queries
- To export query results and can use Excel as a client to SQL Server

TOPICS:

- Module 1: **SQL Server Overview and Tools** (Overview and Components, Overview and syntax elements of T-SQL, Management Tools)
- Module 2: **The SELECT Module** (Overview of SQL Server Databases, Basic SELECT statement)
- Module 3: **Grouping and Summarizing Data** (Grouping and Summarizing data in SELECT statement, GROUP BY, Aggregate functions, HAVING, GROUPING SETS, Ranking and Windowing)
- Module 4: **Joins and Subqueries** (Fundamentals of JOINS, Combining and Limiting Result Sets, Working with Subqueries, Temp objects, Common Table Expression)
- Module 5: **Specific Language Construct and Data Modifications** (Specific Language constructs, IF ..ELSE, CASE, Specific Objects in the Database, Views, Basic statements for modifying data)