

Basics of Writing Queries in T-SQL Language on Microsoft SQL Server Platform

Course code: GOC277

Introductory course provides students with all necessary technical skill to write T/SQL queries for Microsoft SQL Server. Targeted platform is broad range actually supported Microsoft SQL Servers. The course is intended for junior database developers, administrators and power users or information workers.

| Affiliate | Duration | Course price | ITB |
|------------|----------|--------------|-----|
| Praha | 3 | 16 000 Kč | 30 |
| Brno | 3 | 16 000 Kč | 30 |
| Bratislava | 3 | 840 € | 30 |

The prices are without VAT.

Course terms

| Date | Duration | Course price | Type | Course language | Location |
|--------------|----------|--------------|----------|-----------------|------------------|
| 15.06.2026 | 3 | 16 000 Kč | Presence | CZ/SK | GOPAS Praha |
| ☀ 20.07.2026 | 3 | 840 € | Presence | CZ/SK | GOPAS Bratislava |
| ☀ 03.08.2026 | 3 | 16 000 Kč | Presence | CZ/SK | GOPAS Brno |
| ☀ 12.08.2026 | 3 | 16 000 Kč | Presence | CZ/SK | GOPAS Praha |
| 12.10.2026 | 3 | 16 000 Kč | Presence | CZ/SK | GOPAS Praha |
| 18.11.2026 | 3 | 16 000 Kč | Presence | CZ/SK | GOPAS Brno |
| 21.12.2026 | 3 | 16 000 Kč | Presence | CZ/SK | GOPAS Praha |

The prices are without VAT.

Who is the course for

Junior database administrators and developers

Power users or information workers

What we teach you

- Write SELECT queries to retrieve data
- Group and summarize data by
- Join data from multiple tables
- Write queries that retrieve and modify data by using subqueries

Required skills

Basic knowledge of relational databases (tables, relations, etc.)

Course Outline

Introduction to T-SQL

- Basic terminology (DCL, DDL, DML, comments, variables, loops, conditions)
- Data types
- Operators (logical, arithmetical, concatenation)
- System functions (GETDATE, CHARINDEX, ISNULL)
- Management Studio

Basics of the SELECT statement

GOPAS Praha

Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



Copyright © 2026 GOPAS, a.s.,
All rights reserved

Basics of Writing Queries in T-SQL Language on Microsoft SQL Server Platform

- Selecting data with SELECT, WHERE, FROM
- Columns, constants, expressions
- Conditions and operators

Join tables

- Why and how join tables together
- INNER JOIN
- LEFT, RIGHT, FULL OUTER JOIN
- CROSS JOIN
- UNION

Aggregation in queries

- Aggregation functions
- GROUP BY
- HAVING
- Duplicity testing
- Ranking functions (ROW_NUMBER, NTILE, RANK, DENSE_RANK)

Subqueries

- Subquery in SELECT
- Subquery in FROM
- Subquery in WHERE

GOPAS Praha

Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



Copyright © 2026 GOPAS, a.s.,
All rights reserved