

Advanced SQL in MySQL

Course code: GOC663

If you want to expand your knowledge of SQL language, this course is for you. Students will be introduced to advanced techniques using SQL, such as subqueries, regular expressions, advanced functions and complex structure queries to obtain the desired dataset.

| Affiliate | Duration | Course price | ITB |
|------------|----------|--------------|-----|
| Praha | 3 | 15 300 Kč | 30 |
| Brno | 3 | 15 300 Kč | 30 |
| Bratislava | 3 | 660 € | 30 |

The prices are without VAT.

Course terms

| Date | Duration | Course price | Type | Course language | Location |
|------------|----------|--------------|----------|-----------------|----------------------------|
| 11.12.2024 | 3 | 13 770 Kč | Presence | CZ/SK | GOPAS Praha |
| 29.01.2025 | 3 | 660 € | Presence | CZ/SK | GOPAS Bratislava prezenčne |
| 10.03.2025 | 3 | 15 300 Kč | Presence | CZ/SK | GOPAS Praha |
| 17.03.2025 | 3 | 15 300 Kč | Online | CZ/SK | GOPAS Praha online |
| 17.03.2025 | 3 | 660 € | Online | CZ/SK | GOPAS Bratislava online |
| 02.04.2025 | 3 | 15 300 Kč | Presence | CZ/SK | GOPAS Brno |
| 21.05.2025 | 3 | 15 300 Kč | Presence | CZ/SK | GOPAS Praha |
| 18.06.2025 | 3 | 660 € | Presence | CZ/SK | GOPAS Bratislava prezenčne |

The prices are without VAT.

Who is the course for

- Developers and users who want to learn how to use advanced SQL techniques and methods

After completing this course, students will be able to use new features in these areas:

- MySQL overview
- Use advanced techniques with the SELECT statement
- Use subqueries
- Overview and use the advanced features
- Advanced techniques of SQL language

Required skills

- Basic knowledge of IT and PC
- Knowledge of SQL in MySQL

Course Outline

MySQL overview

- Overview of the MySQL database system
- The installation procedure
- MySQL Tools

Advanced techniques with the SELECT statement

- Advanced operators
- Regular Expressions

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved

Advanced SQL in MySQL

- LIMIT
- Practical examples

Subqueries

- Reason for using subqueries
- Stand-alone subqueries
- Correlated subqueries
- Subquery Operators (EXISTS, IN, ANY, ALL)

Overview and use the advanced features

- Functions for working with different data types
- Conversion of data types
- Metadata function
- Working with XML
- Advanced aggregation techniques

Advanced techniques of SQL language

- Working with hierarchical data structures and recursion
- Advanced techniques of joining data sources
- Action queries
- Advanced subqueries and operators

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved