Training Course:
SQL Server Database Advanced

15 - 19 February 2026
Cairo (Egypt)
Holiday Inn & Suites Cairo Maadi, an IHG Hotel

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SQL Server Database Advanced

Training Course code: IT235216 From: 15 - 19 February 2026 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 4100 ⬜ Euro

Introduction:

Welcome to the SQL Server Database Advanced training program offered by Global Horizon Training Center. This course is designed to take your SQL Server skills to the next level by exploring advanced topics and techniques. Whether you're a database administrator, developer, or IT professional, this course will equip you with the knowledge and skills needed to work with SQL Server databases effectively.

Objectives:

By the end of this course, participants will:

- Gain a deep understanding of advanced SQL Server concepts and features.

- Master advanced query optimization techniques.

- Learn how to design and implement complex database solutions.

- Explore best practices for security, performance tuning, and troubleshooting.

- Acquire hands-on experience with real-world SQL Server scenarios.

Target Audience:

This course is ideal for:

- Database administrators seeking to enhance their SQL Server skills.

- Developers looking to create efficient and scalable database solutions.

- IT professionals responsible for managing SQL Server databases.

- Anyone interested in advanced SQL Server topics and best practices.

Outlines:

Day 1: Advanced Querying Techniques

- Understanding Query Execution Plans

- Query Performance Tuning

- Window Functions

- Common Table Expressions CTEs

- Dynamic SQL

Day 2: Database Design and Optimization

- Advanced Indexing Strategies

- Partitioning Tables

- Managing Large Datasets

- Data Compression

- Database Maintenance Plans

Day 3: Advanced Data Modeling

- Data Modeling Best Practices

- Working with Views and Indexed Views

- Implementing Advanced Constraints

- Designing for Data Warehousing

- Temporal Tables

Day 4: Security and High Availability

- Advanced Security Features

- Transparent Data Encryption TDE

- Always On Availability Groups

- Disaster Recovery Strategies

- Auditing and Compliance

Day 5: Performance Monitoring and Troubleshooting

- Extended Events

- SQL Server Profiler

- Performance Monitoring Tools

- Identifying and Resolving Performance Bottlenecks

- Troubleshooting Common Issues

Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
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Company Information

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Address: ....
City / Country: ....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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Telephone: +201095004484 to provisionally reserve your place.	Fax your completed registration form to: +20233379764	E-mail to us : info@gh4t.com or training@gh4t.com	Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.