informatech

IT MANAGEMENT AND CYBER SECURITY | IMCS-008

Oracle SQL & PL/SQL Development Masterclass

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Course content

Why Attend

Why Attend Strong SQL and PL/SQL skills are essential for working with Oracle systems, reporting tools, and enterprise applications. This course helps participants build efficient queries, automate tasks, and develop database procedures.

Course Methodology Hands-on exercises, coding labs, demonstrations, workshops, and practical assignments.

Course Objectives

- Write effective SQL queries
- Use joins, subqueries, and functions
- Develop PL/SQL blocks and procedures
- Handle exceptions and cursors
- Improve code performance

Target Audience

- Developers
- Analysts
- Database Users
- Technical Staff

Target Competencies

- SQL Querying
- PL/SQL Programming
- Reporting Skills
- Data Analysis

Course content

Target Competencies

• Code Optimization

Course outline

Day 1: SQL Foundations

• SELECT statements

• Filtering and sorting

• Functions and expressions

• Data types

Day 2: Advanced SQL Techniques

• Joins and unions

• Subqueries

• Grouping and aggregation

• Analytical queries

Day 3: PL/SQL Fundamentals

• Anonymous blocks

• Variables and control structures

• Loops and conditions

• Basic procedures

Day 4: Advanced PL/SQL Development

• Functions and packages

• Cursors

• Exception handling

Course content

Course outline

• Triggers basics

Day 5: Performance and Best Practices

• Query optimization

• Debugging techniques

• Secure coding practices

• Final coding workshop

Seminar dates

Available seminar dates

Live dates and pricing for Oracle SQL & PL/SQL Development Masterclass generated from the course details page.

Date	Location	Format	Fee
6 - 10 July 2026	London - U.K	Classroom	**€4,200.-**
20 - 24 July 2026	Munich - Germany	Classroom	**€4,250.-**
3 - 7 August 2026	Madrid - Spain	Classroom	**€4,250.-**
10 - 14 August 2026	Geneva - Switzerland	Classroom	**€5,250.-**
7 - 11 September 2026	Istanbul - Turkey	Classroom	**€2,850.-**
14 - 18 September 2026	Kuala lumpur - Malaysia	Classroom	**€2,250.-**
5 - 9 October 2026	Amsterdam - Netherlands	Classroom	**€4,250.-**
12 - 16 October 2026	London - U.K	Classroom	**€4,200.-**
9 - 13 November 2026	Kuala lumpur - Malaysia	Classroom	**€2,250.-**
16 - 20 November 2026	Amsterdam - Netherlands	Classroom	**€4,250.-**
7 - 11 December 2026	London - U.K	Classroom	**€4,200.-**
14 - 18 December 2026	Barcelona - Spain	Classroom	**€3,850.-**
21 - 25 December 2026	Geneva - Switzerland	Classroom	**€5,250.-**

Live online option	Online delivery is available at €1,850.-.