



IT MANAGEMENT AND CYBER SECURITY | IMCS-008

Oracle SQL & PL/SQL Development Masterclass

UK

+44 33 000 111 90
info@informattech.co.uk
<https://informattech.uk>
63-66 Hatton Garden Hatton Garden
EC1N 8LE, London

NL

+31 85 74 444 46
info@infomatech.nl
<https://infomatech.nl>
Waarderweg 50 - 2031PB
Haarlem - Netherlands

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

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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

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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
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.-.