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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 |
|---|---|---|---|
| 16 - 20 November 2026 | Amsterdam - Netherlands | Classroom | **€3,400.-** |
| 7 - 11 December 2026 | London - U.K | Classroom | **€3,360.-** |
| 14 - 18 December 2026 | Barcelona - Spain | Classroom | **€3,080.-** |
| 21 - 25 December 2026 | Geneva - Switzerland | Classroom | **€4,200.-** |
| 4 - 8 January 2027 | London - U.K | Classroom | **€3,360.-** |
| 1 - 5 February 2027 | Munich - Germany | Classroom | **€3,400.-** |
| 1 - 5 March 2027 | Madrid - Spain | Classroom | **€3,400.-** |
| 5 - 9 April 2027 | Geneva - Switzerland | Classroom | **€4,200.-** |
| 3 - 7 May 2027 | Istanbul - Turkey | Classroom | **€2,280.-** |
| 7 - 11 June 2027 | Kuala lumpur - Malaysia | Classroom | **€1,800.-** |
| 5 - 9 July 2027 | Amsterdam - Netherlands | Classroom | **€3,400.-** |
| 2 - 6 August 2027 | London - U.K | Classroom | **€3,360.-** |
| 6 - 10 September 2027 | Kuala lumpur - Malaysia | Classroom | **€1,800.-** |
| 4 - 8 October 2027 | Amsterdam - Netherlands | Classroom | **€3,400.-** |
| 1 - 5 November 2027 | London - U.K | Classroom | **€3,360.-** |
| 6 - 10 December 2027 | Barcelona - Spain | Classroom | **€3,080.-** |