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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
9 - 13 November 2026	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
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.-**