

# DBMS Administration with Oracle 19c

Duration : 5 Days

## Course Content

This course is your first step towards success as an Oracle professional, designed to give you a firm foundation in basic database tasks. In this class, you'll learn how to design, create, and maintain an Oracle database. Students will gain a conceptual understanding of the Oracle database architecture and how its components work and interact with one another. Students will also learn how to create an operational database and properly manage the various structures in an effective and efficient manner.

## Prerequisites

- Attend “DBMS Fundamental” training
- Familiarity with data processing concepts and techniques data processing

## Course Objectives

- Understand role and responsibilities of database administrator
- Understand Oracle database architecture
- Use Oracle tools for database maintenance, client/server connection and perform routine DBA tasks

## Course Outline

- Pengenalan oracle
- Setup development environment (instalasi)
  - Instal database oracle
  - Instal database editor(datagrid, sql plus, oracle database developer, navicade, dll)
- Pengenalan structural query language (sql)
- Persiapan membuat role/user, membuat schema, database, table, dll
- Menampilkan informasi data table(SELECT, operasi matematika, alias, concate, WHERE, dll)
- Join table (natural join, inner join, outer join)

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- Subquery
- Manipulasi data (dml)
- Objec oracle (view table)
- User/schema management (user management, privilege management, role management)

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