

Spatial Database

Oracle Spatial

Basic



This hands-on training course is designed to equip Spatial, IT or Database Administration professionals with basic skills for managing and processing spatial data in an Oracle Locator database.



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GIS PEOPLE



1 Day
Duration



Basic
Skill Level



12
Students

Topics Covered

- ⊕ Choosing the right Spatial Reference Identifier (SRID) for your data
- ⊕ Creating a new table that includes an SDO_GEOMETRY column or altering an existing table
- ⊕ Understanding spatial metadata and precision
- ⊕ Populating SDO_GEOMETRY column data with point, line and polygon objects using various SDO_GEOMETRY constructors
- ⊕ Load data from spreadsheets and external GIS formats
- ⊕ Validating and correcting SDO_GEOMETRY objects
- ⊕ Inspecting a geometry object's structure
- ⊕ Create spatial indexes for geometries
- ⊕ Conduct spatial querying using spatial indexes
 - Primary and Secondary filtering
 - Geoprocessing
 - Nearest neighbour
- ⊕ GIS software configuration to access Oracle Spatial data
- ⊕ Oracle Spatial vs Oracle Locator - you choose

Prerequisites

- ⊕ Familiarity with SQL SELECT statements
- ⊕ Knowledge of relational database models and structures
- ⊕ Familiarity with spatial data and concepts
- ⊕ Familiarity with SQL Developer's GeoRaptor extension

Further Study

- ⊕ Successful completion of this course allows direct entry to the *Spatial Database: Oracle Spatial (Intermediate)* course

NOTE: Please note that whilst every care is taken to ensure the content of this brochure is correct, this information is to be used as a guide only. Course information is subject to change without notice and all information is current at the time of printing. Oracle Database is a registered trademark of Oracle Corporation.



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