

# Oracle For Professionals

Designed for new and experienced developers, this book is an essential guide for putting Oracle SQL and PL/SQL to work. It provides all of the basics you would expect to find in an introductory text and at the same time serves those who want to harness the unexploited, overlooked power of Oracle SQL and PL/SQL with an easy to follow format and numerous real examples based on most commonly used business database models.

It delves deeply into new features found in Oracle Database 11g, the next incarnation of Oracle's flagship database management system along with existing features found in Oracle Database 9i and 10g.

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Edition: First

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Sample Chapter

TOC

## THE TOPICS COVERED IN THE BOOK

### Overview Of Oracle Database

Introduction, Architecture, Installation, Tablespace/User Management, SQL Plus, SQL Developer

### Basics Of SQL

Entity Relationship Diagram, Data Types, Working With Database Tables, Multi-Table Insert Statements, Merging Rows, Altering Table Structures, Synonyms, External Tables, Data Constraints

### Working With Data

Operators, Character/String Functions, Number Function, Date Functions, Grouping Data, Subqueries, Joins, Union, Intersect And Minus, Analytic Functions, Modeling Data, Hierarchical SQL Queries, If, then And Else, Pivot/Unpivot Operators, Regular Expressions, RowID And RowNum

### SQL Performance Tuning

Indexes, Views, Clusters, Sequences

### Beyond The Basics

Flashback, Objects And Collections, Oracle Text, XML

### PL/SQL

Introduction To PL/SQL, Transactions, Cursors, Procedures And Functions, Packages, Triggers, Automatically Generating And Assigning Primary Key Values, Dynamic SQL, DML Error Logging

### Backup, Restore And Data Loading

IMP And EXP, Data Pump - IMPDB And EXPDB, SQL\*Loader

### Application Development

Java, PHP, Pro\*C/C++

### Scripting In Oracle

SQL Scripts, PL/SQL Scripts

### Data Warehouse

### Oracle Warehouse Builder

## Appendix

Sample Data, Installing Oracle Database 10g XE, Interview Questions

### CONTENTS OF THE CD-ROM

Setup files for Oracle database 10g eXpress Edition.

Video Footage of Installing Oracle Database 10g [XE] and 11g.

Source code for examples in this book.