

Oracle Database 12c R2: SQL Workshop II Ed 2

Introduction

- Course Objectives, Course Agenda and Appendixes Used in this Course
- Provide an insight of the development environments
- Tables used in the Course
- Review of the SQL Concepts

Introduction to Data Dictionary Views

- Introduction to Data Dictionary
- Describe the Data Dictionary Structure
- Using the Data Dictionary Views
- Querying the Data Dictionary Views

Creating Sequences, Synonyms, Indexes

- Overview of sequences
- Overview of synonyms
- Overview of indexes

Creating Views

- Overview of views

Managing Schema Objects

- Managing constraints
- Creating and using temporary tables
- Creating and using external tables

Retrieving Data by Using Subqueries

- Retrieving Data by Using a Subquery as Source
- Working with Multiple-Column subqueries
- Using Scalar subqueries in SQL
- Correlated Subqueries
- Working with the WITH clause

Manipulating Data by Using Subqueries

- Using Subqueries to Manipulate Data
- Inserting by Using a Subquery as a Target
- Using the WITH CHECK OPTION Keyword on DML Statements
- Using Correlated Subqueries to Update and Delete rows

Controlling User Access

- System privileges
- Creating a role
- Object privileges
- Revoking object privileges

Manipulating Data

- Overview of the Explicit Default Feature
- Using multitable INSERTs
- Using the MERGE statement
- Performing flashback operations
- Tracking Changes in Data

Managing Data in Different Time Zones

- Working with CURRENT_DATE, CURRENT_TIMESTAMP, and LOCALTIMESTAMP
- Working with INTERVAL data types
- Using Datetime functions in queries