

ODAT-4 - ORACLE DATABASE 19C: SQL WORKSHOP

Categoria: **Database**

INFORMAZIONI SUL CORSO



Durata:
5 Giorni



Categoria:
Database



Qualifica Istruttore:
Oracle Certified
Professional



Dedicato a:
Sviluppatore



Produttore:
Oracle

OBIETTIVI

- Comprendere i concetti di base dei database relazionali.
- Creare report di dati ordinati e limitati.
- Eseguire le istruzioni di manipolazione dei dati (DML).
- Controllare l'accesso al database per oggetti specifici.
- Gestire gli oggetti dello schema.
- Gestire gli oggetti con data dictionary views.
- Recuperare righe e colonne di dati dalle tabelle.
- Controllare i diritti a livello di oggetto e di sistema.
- Creare indici e constraints; modificare gli oggetti dello schema esistenti.
- Creare e interrogare tabelle esterne.

PREREQUISITI

- Capacità di elaborazione dati
- Familiarità con i concetti e le tecniche di elaborazione dei dati

CONTENUTI

1: Introduction

- Introduction
- Entity Relationship Model
- Practice 1-1: Introduction

2: Retrieving Data Using the SQL SELECT Statement

- Retrieving Data Using the SQL SELECT Statement
- Practice 2-1: Retrieving Data Using the SQL SELECT Statement

3: Restricting and Sorting Data

- Restricting and Sorting Data
- Practice 3-1: Restricting and Sorting Data

4: Using Single-Row Functions to Customize Output

- Using Single-Row Functions to Customize Output
- Number Functions
- Practice 4-1: Using Single-Row Functions to Customize Output

5: Using Conversion Functions and Conditional Expressions

- Using Conversion Functions and Conditional Expressions
- General Functions
- Practice 5-1: Using Conversion Functions and Conditional Expressions

6: Reporting Aggregated Data Using the Group Functions

- Reporting Aggregated Data Using the Group Functions
- Practice 6-1: Reporting Aggregated Data by Using Group Functions

7: Displaying Data from Multiple Tables Using Joins

- Displaying Data from Multiple Tables Using Joins
- Practice 7-1: Displaying Data from Multiple Tables by Using Joins

8: Using Subqueries to Solve Queries

- Using Subqueries to Solve Queries
- Practice 8-1: Using Subqueries to Solve Queries

9: Using Set Operators

- Using Set Operators
- Practice 9-1: Using Set Operators

10: Managing Tables Using DML Statements in Oracle

- Managing Tables Using DML Statements in Oracle
- State of Data
- Practice 10-1: Managing Tables by Using DML Statements
- Practice 10-1: Managing Tables by Using DML Statements....Cntd

11: Introduction to Data Definition Language in Oracle

- Introduction to Data Definition Language in Oracle
- FOREIGN KEY Constraint
- Practice 11-1: Introduction to Data Definition Language

12: Introduction to Data Dictionary Views

- Introduction to Data Dictionary Views
- Before you Begin Practice 12: Using SQL Developer
- Practice 12-1: Introduction to Data Dictionary Views

13: Creating Sequences, Synonyms, and Indexes

- Creating Sequences, Synonyms, and Indexes
- Sequence Information
- Practice 13-1: Creating Sequences, Synonyms, and Indexes

14: Creating Views

- Creating Views
- Practice 14-1: Creating Views

15: Managing Schema Objects

- Managing Schema Objects
- DROP TABLE
- Practice 15-1: Managing Schema Objects
- Practice 15-1: Managing Schema Objects....Cntd

16: Retrieving Data by Using Subqueries

- Retrieving Data by Using Subqueries
- Practice 16-1: Retrieving Data by Using Subqueries

17: Manipulating Data by Using Subqueries

- Manipulating Data by Using Subqueries
- Practice 17-1: Manipulating Data by Using Subqueries

18: Controlling User Access

- Controlling User Access
- Practice 18-1: Controlling User Access

19: Manipulating Data Using Advanced Queries

- Manipulating Data Using Advanced Queries
- MERGE Statement
- Practice 19-1: Manipulating Data
- Practice 19-1: Manipulating Data...Cntd

20: Managing Data in Different Time Zones

- Managing Data in Different Time Zones
- Practice 20-1: Managing Data in Different Time Zones

21: Conclusion

- Conclusion
- Q&A Sessions

INFO

Materiale didattico: Materiale didattico ufficiale Oracle in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)