ODAT-4 - ORACLE DATABASE 19C: SQL WORKSHOP

Categoria: **Database**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
5 Giorni	Database	Oracle Certified Professional	Sviluppatore	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. Il materiale didattico è compreso nel prezzo sia per i corsi a Calendario sia per quelli Dedicati.
Costo materiale didattico: 0 € incluso nel prezzo del corso a Calendario
Natura del corso: Operativo (previsti lab su PC)