Oracle 19c PL/SQL Fundamentals (TTOR12019)

Price: 2395

Duration: 3 days

Delivery Methods: Virtual

Overview

Oracle 19c PL/SQL Fundamentals is a three-day, hands-on course that introduces Oracle database programming using the PL/SQL programming language. Throughout the course students will explore the core syntax, structure and features of the language. This course will also lay the foundation for the entire Oracle PL/SQL programming series, allowing one to progress from introductory topics to advanced application design and programming and finally onto writing complex high-performance applications.

The course also explores applying the newly learned skills to the development of database applications. Participants will learn how to use database-resident stored program units such as procedures, functions, packages and database triggers. Students will also learn about the latest features in Oracle 19c.

NOTE: This training is NOT Official Oracle University training. This is independent, adjustable content that aligns with current topics, skills and tools that participants need to excel in these areas.

Audience Profile

This course is geared for anyone needing to interface with an Oracle database such as end users, business analysts, application developers and database administrators / DBAs.

At Course Completion

Working within in a hands-on learning environment, guided by our expert team, attendees will develop a practical approach to Oracle Database Technology. Throughout the course participants will explore:

· Using PL/SQL programming language for database applications and development

· incorporating PL/SQL modules within the application architecture from the initial design and planning phase

· The essentials of building executable PL/SQL program units

· Each of the major segments of a working program and how these interact with each other during program execution,

· Important error or exception handling capabilities of the language.

· How database-resident program units can be used as part of the overall database application architecture

· Applying these new skills to the development of PL/SQL packages.

· Advanced database programming capabilities and benefits

· How database triggers can be used as part of an advanced database application design

Outline

Selection & Setup of the Database Interface

Choosing a Database Programming Language

PL/SQL Language Essentials

DECLARE Section

BEGIN Section

EXCEPTION Section

Beyond the Basics : Explicit Cursors

Introduction Database Resident Programming Units

Creating Stored Procedures and Functions

Executing Stored Procedures and Functions

Maintaining Stored Programming Units

Managing Dependencies

Advanced Package Capabilities

Database Trigger Concepts

Creating Database Triggers

Maintaining Database Triggers

Implementing System Event Triggers

Prerequisites

Attendees should have incoming basic SQL experience, as well as an understanding of databases (required to manipulate it with PL/SQL).

Course Schedule

Date	Time	Price	Options

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

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