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PL SQL Training

Email Contact: info@educba.com



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Course Overview

You get to learn how to utilize the procedural language extension for SQL in the Oracle relational database.

They have been very popular due to normality and ACID properties which include Atomicity, Consistency, Isolation, and Durability.

PL SQL Skills

We learn the following skills:

The structured query language is the basic query language which is used to fetch, manipulate and work on the data extracted and managed by a database.

PL SQL training will be related to the programming constructs as the Procedural language provided will make use of the conditional as well as the iterative statements along with several other triggers and cursors which will enhance your skill set.

Course Features



Course Duration- 13 + Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

About PL SQL

PL SQL training will be related to the programming constructs as the Procedural language provided will make use of the conditional as well as the iterative statements along with several other triggers and cursors which will enhance your skill set.

The basic unit of a PL/SQL statement is a block which is a combination of statements and declarations. It can be defined by the keywords such as DECLARE, BEGIN, EXCEPTION and END.

PL SQL Course

This is a Bundle Course that includes complete in-depth PL SQL Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a PL SQL professional.

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The Fundamentals

Section 1. PL/SQL, Variables, Executable Statements and Control

- About PLSQL Environment and Benefits
- Benefits of Sub programs, Invoking Procedures and Functions

Section 2. Block Type and Scalar Data

- PLSQL Block Structure, Block Type and Program Structure
- PLSQL Block Structure, Block
- Naming Rules, Scalar Data types
- Base scalar data types
- Percentage type Attributes, Composite Data Types

Section 3. Declaring Variables

- Declaring Variables
 - PLSQL Block Syntax, SQL function in PLSQL
 - Nested Blocks, Identifiers, Programming Guidelines
 - Practical Examples
- Session 2

Section 4. Interacting with the Oracle Server

- SQL Statements and Naming Conventions
- Manipulating Data, Naming Conventions
- SQL Cursor

Section 5. Writing Control Structures

- Writing Control Structures
- If Statements and Case Expressions
- Logic Tables and Iterative Constructs
- WHILE Loops

Section 7. Working with Composite Data Types

- PLSQL record and rowtype Attribute
- Creating and Using Index By Table
- Creating and Using Index By Table (summary)
- Working with Composite Data Types

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Procedures and Functions

Section 1. Writing Explicit Cursors

- Cursors, Declare, Open and Fetch cursors
- Fetching Data from the Cursor
- Explicit Cursor, Records and For Loops
- Cursors and Records
- Writing Explicit Cursors
- Advanced Explicit Cursor
- The WHERE CURRENTOF Clause
- Advanced Explicit Cursor Concepts
- Exception, Trapping Predefined Exception
- Non predefined Error
- Trapping User-Defined Exceptions
- Handling Exceptions

Section 2. Creating Procedures

- PLSQL Program Constructs, Developing Sub Program
- PLSQL Subprograms
- Procedures, Syntax, Parameters, In Parameters
- Formal Versus Actual Parameters
- Out Parameters, In OUTParameters and Declaring Sub Programs
- Methods for Passing Parameters
- Invoking Procedure, Handled and Unhandled Exception and Removing Procedure

Section 3. Creating Functions

- Overview of Stored Functions
- Creating a Stored Function by Using iSQLPlus
- Invoking Functions, Removing Functions and Benefits
- Invoking Functions, Removing Functions and Benefits summary
- Creating Functions

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Subprograms

Section 1. Managing Subprograms

- Required Privileges, Invokers Rights and User Objects
- User Source, User errors and Debugging
- Managing Subprograms

Section 2. Creating Packages

- Package, Developing Package, Public Constructs
- Creating Package, Bodiless Package, removing Package
- Practical Examples Packages
- Overloading, Forward Declarations
- Overloading
- User Defined Packages , PACK_Cur
- Controlling the Persistent State of a Package Cursor
- DBMS_SQL, DBMS_DDL and DBMS_JOB

Section 3. Manipulating Large Objects

- LOBs and BFILEs
- Internal LOBs
- DIRECTORIES, BFILENAME functions
- Loading BFILEs & Migrating from LONG to LOB
- DBMS_LOB READ and DBMS_LOB WRITE
- Removing LOBs and Temporary LOBs
- Manipulating Large Objects

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Database Triggers

Section 1. Creating Database Triggers

- Types of Triggers, DML Triggers and Firing Sequence
- DML Trigger Components & Firing Sequence
- Syntax for Creating DML Statement Triggers
- Using OLD and NEW Qualifiers
- Creating an INSTEAD OF Trigger
- DROP TRIGGER Syntax
- After Row and After Statement Triggers
- Creating Database Triggers
- Implementing Triggers
- Enforcing Data Integrity
- Logging Events

Section 2. Managing Dependencies

- Managing Dependencies
- Displaying Direct Dependencies by Using USER_DEPENDENCIES
- REMOTE_DEPENDENCIES_MODE Parameter
- Signature Mode & Recompiling a PLSQL Program Unit



Frequently Asked Questions

Is it tough for somebody who does not have a coding background to learn the PL/SQL programming training?

Not exactly. It is not necessary for you to have a coding background to learn the PL/SQL programming course online but only that you should be familiar with programming constructs.

You should not be proficient in writing code snippets is agreeable but not able to understand the coding constructs can pose a problem for you.

Do I need to keep practicing or just one time learning of PL/SQL training course is enough?

We would recommend you to keep practicing as this PL SQL training is not something which is only conceptual or theoretical based but it also relates to everything related to a programming language which needs a regular revision and a working hands on.



Customer Reviews

“

The course is very helpful as it has complete video with example description. The teaching and explanation is good at each stage with example. good experience of learning through this course.

UMESHKUMAR C HIREMATH

”

It is useful for these users who would like to start use programming language PHP, to install it and to know most important operations, functions. There you can find the basics of the programming language PHP and to start create your first web page.

Lina Kankevičienė

“

User Interface of the website is good which made me to set target and complete the course with in planned time . It was an easy to complete course and each videos were of appropriate length because lengthy videos makes learning boring.I feel ,It would be better if practice exercises are added to the course which can make a learner to learn thing more effectively.

As a whole it was good .

Mandeep Sushant Kumar Jojo



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For Queries please contact:

Email : info@educba.com



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