Oracle Database: Develop PL SQL Program Units

Category: AI, Data & Analytics | **Vendor:** Oracle

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This Oracle Database: PL/SQL Program Units course builds on existing knowledge of PL/SQL block structure, variables, control structures and exception handling to explore the benefits of building Progran Units in this powerful programming language.

Through hands-on instruction from expert Oracle instructors, you'll learn to develop stored procedures, functions, packages and triggers and utilise Oracle provided packages.

About This Course

- Develop stored procedures to carry out database modifications.
- Write functions to be called from PL/SQL code or SQL statements.
- Use PL/SQL packages to group and contain related constructs.
- Create triggers to solve business challenges.
- Use Oracle supplied PL/SQL packages to generate screen output and file output.
- Examine the dependency chain on program units prior to implementing changes.

Who Should Attend

- Database Administrator
- Developer
- Implementer
- Systems Administrator

Prerequisites & Entry Requirements

General Prerequisites:

Required

- Oracle Database Introduction to SQL
- Oracle Database: PL/SQL Fundamentals
- Familiarity with data processing concepts and technique
- Familiarity with programming languages

Suggested

- Familiarity with data processing concepts and techniques
- Familiarity with programming languages

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Develop sound, reliable program units to standardise and streamline your organisation's approach to maintaining data.
- You'll use Oracle SQL Developer to develop these program units. SQL*Plus is also available as an optional tool.

Delegates will learn how to

- Create triggers to solve business challenges
- Manage dependencies between PL/SQL subprograms
- Design PL/SQL code for predefined data types, local subprograms, additional pragmas and standardized constants and exceptions
- Use the compiler warnings infrastructure
- Create, use, and debug stored procedures and functions
- Design and use PL/SQL packages to group and contain related constructs
- Create overloaded package subprograms for more flexibility
- Use the Oracle supplied PL/SQL packages to generate screen output, file output, and mail output
- Write dynamic SQL for more coding flexibility
- Use conditional PL/SQL compilation and obfuscate (hide) code

Detailed Course Outline

- Introduction
- Working with Oracle Database Exadata Express Cloud Service
- Creating Stored Procedures
- Creating Functions and Debugging Subprograms
- Creating Packages
- Working With Packages
- Using Oracle-Supplied Packages in Application Development
- Using Dynamic SQLCreating Triggers
- Creating Compound, DDL, and Event Database Triggers

- Design Considerations for PL/SQL Code

- Using PL/SQL compiler

- Managing Dependencies

Skills You Will Learn:

- Develop sound, reliable program units to standardise and streamline your organisation's approach to maintaining data.
- You'll use Oracle SQL Developer to develop these program units. SQL*Plus is also available as an optional tool.
Delegates will learn how to

- Create triggers to solve business challenges
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Frequently Asked Questions

Q: What delivery options are available for Oracle Database: Develop PL SQL Program Units?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Oracle Database: Develop PL SQL Program Units course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Oracle Database: Develop PL SQL Program Units training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Oracle Database: Develop PL SQL Program Units?

Yes, we provide corporate training, dedicated training, and closed classes for Oracle Database: Develop PL SQL Program Units. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Oracle Database: Develop PL SQL Program Units, Oracle Database Training, OCDBDPSPU

Q: Why choose Nexus Human for Oracle Database: Develop PL SQL Program Units?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Oracle Database: Develop PL SQL Program Units training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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