

PL/SQL

Chapter-1

- Introduction to PL/SQL
- Advantages of PL/SQL
- PL/SQL architecture
- Datatypes in PL/SQL
- Variables in PL/SQL
- PL/SQL program structure
- Simple PL/SQL programs
- Conditional statements
- Loops

Chapter-2

- **Cursors**
- Cursor Management
- About cursors in PL/SQL
- Explicit cursors
- For loop cursor
- Cursor parameters
- For update clause
- Where current of clause
- Ref cursors
- Implicit cursors

Chapter-3

- **Exception Handling**
- System defined exceptions
- User defined exceptions
- Sqlcode & sqlerrm
- Pragma exception_init

Chapter-4

- **Subprograms**
- Introduction to subprograms
- Difference between anonymous & named blocks
- Creating procedures
- Working with IN , OUT ,INOUT parameters
- Procedures with cursors
- Procedures returning records
- Pragma autonomous transaction
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Chapter-5

- **Functions**
- Difference b/w procedures and functions
- Inline functions

Chapter-6

- **Triggers**
- Introduction to triggers
- DML triggers
- DDL triggers
- Instead of Triggers

Chapter-7

- **Packages**
- Introduction to packages
- Package specification and package body
- Overloading package members

Chapter-8

- **Collections in PL/SQL**
- Built-in packages in PL/SQL
- Oracle 10g features
- Oracle 11g features
- **Real Time Project will be explained.**
- **Assignments will be given during the sessions.**