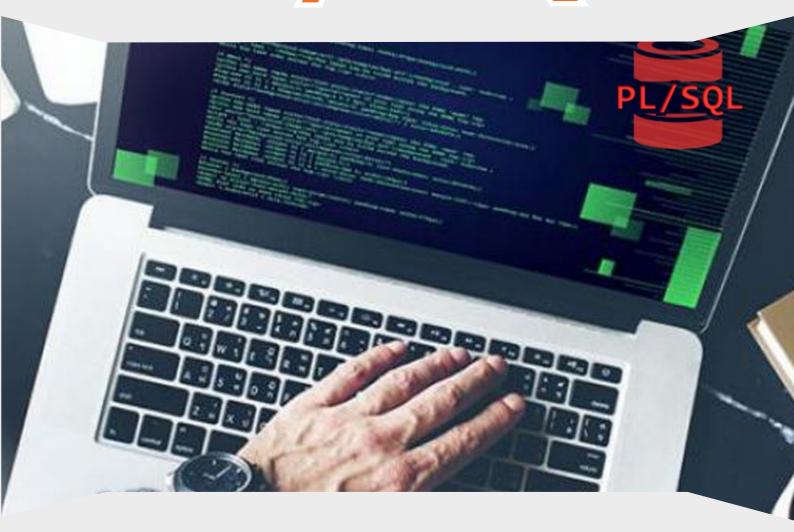
PL/SQL





Module 1:Introduction To PL/SQL

Informal introduction to PL/SQL
Advantages of PL/SQL
Datatypes in PL/SQL
Program structure of PL/SQL
Embedding SQL statements
Using conditional statements and loops

Module 2: Creating And Using Cursors

What is cursor?
How to create cursor?
Using cursors in PL/SQL
How to create explicit cursor?
Creation of for loop cursor
What are cursor parameters?
How to use for update clause?
What is ref cursors?
How to use implicit cursors?

Module 3: Understanding Exception Handling

What is an Exception?
Describing Exception types
Handling system defined exceptions
Handling user defined exceptions?
Sql code vs Sql errm
Pragma exception_init



Module 4:Creation Of Stored Procedures

Creating procedures in PI/SQL
Working with procedure parameters
IN parameter
OUT parameter
INOUT parameter
How to create procedures with cursors
How procedures return records?
What is Pragma autonomous transaction?

Module 5 : Creating & Using Functions

Importance of function
How to create functions?
Difference between procedures and functions
How to use inline functions?

Module 6: Creating & Using Packages

What is a Package?
Reasons to use packages
What is package specification?
What is package body?
How to instantiate package?
How to initialize instantiated package?
What are all the package state?

Module 7: Creating & Using Packages

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Module 8:Triggers In PL/SQL

How to create triggers?
Benefits of trigger
How to trigger a trigger?
Using DML trigger & DDL trigger
How to audit database using triggers?
What are database level trigger?

Module 9:Collections In PL/SQL

What is collection?
How to use arrays?
Using nested tables
How to use index by value?
Listing types of collection methods.
General overview and discussion about DBA Concepts

