Wizards Training Inc.

Oracle PL/SQL Training Course Curriculum
Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

ORACLE PL/SQL

Fundamentals of PL/SQL

- Lexical Units
- Data types
- Data type conversion
- Explicit conversion
- Implicit conversion
- Date
- Declarations
- Default value
- NOT NULL
- Forward Reference
- Aggregate Assignment
- Using Aliases
- Naming Conventions
- Scoping
- Case sensitivity
- Name Resolution
- Assignment
- Database Value
- Expressions and Comparisons
- Logical operators
- Order of Evaluation
- Built-in Functions in PL/SQL

Control Structures

- Conditional Control Statements
- Guidelines for using IF statements
- Iterative Statements
- FOR LOOP
- Scope of counter variable
- EXIT statement
- WHILE LOOP
- LOOP.... EXIT statement
- GOTO statements
- NULL statement

Interaction with Oracle

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
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- **SELECT ... INTO statement**
- **Cursor**
- **Declaration**
- **Opening a cursor**
- **Closing a cursor**
- **Using Cursor FOR loops**
- **substituting sub queries in place of cursor**
- **Using aliases for fields**
- **Cursor Attributes**
- **Examples related with cursor**
- **Implicit Cursor Attributes**
- **Cursor Variables**
- **Opening cursor**
- **Opening a cursor variable in stored procedure**
- **Fetching data from cursor**
- **Closing cursor**
- **Reducing Network Traffic by Using Cursor variables**
- **Exception in case of cursor**
- **Exceptions due to Aliasing**
- **Use of cursor in package**

Transaction control statements
- **Rollback**
- **Save Point**
- **Implicit save point**
- **Ending of transactions**
- **Fetching across commit**

Error Handling
- **Exceptions**
- **Utility of Exceptions**
- **Built-in Exceptions**
- **User-defined exceptions**

Subprograms
- **Procedures**
- **Functions**
- **Parameters**
- **Methods of passing actual parameters**
- **Mode of passing parameters**

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