

Oracle Developer Course

quickxpert

About QuickXpert Infotech

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Live Projects - MarriageKing, theVibrantBirdie, CRM etc

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Syllabus mentioned below.



SQL

Basics & Installations

- Introduction to Database
- Definitions
- Oracle Server & Oracle SQL Developer Installations

DDL - Data Definition Language

- Tables - Create, Alter, Drop, Auto Increment
- Constraints - Not Null, Primary Key, Unique Key, Foreign Key
- Index - Why required, Create, Drop

DML - Data Manipulation Language

- Insert, Update, Delete & Truncate

Transactions

- Commit & Rollback

DQL - Data Query Language (Select)

- Filters
 - Operators - <, <=, >, >=, =, !=
 - BETWEEN
 - IN



- LIK
- NOT
- NULL
- AND, OR, NOT
- Multi conditions filtering
- DISTINCT
- Limit, offset
- **Sorting**
 - Ascending Order
 - Descending Order
 - Multi Column Sorting
- **Functions**
 - Data, number, characters, null values etc.
 - Case
- **Groups**
 - Grouping functions - AVG, MIN, MAX, COUNT, DISTINCT COUNT
 - Grouping Filters - HAVING
- **Joins**
 - Cartesian Product
 - Equi and Non-Equi Joins
 - Left Outer Join
 - Right Outer Join
 - Full Outer Join
 - Self Join



- SET Operators
 - Union, Union All, Intersect, Minus
- Subquery
 - Single Valued
 - Multi Valued
- Views & Inline Views
- Analytic (Window) Functions
 - Top N Analysis
 - Over() with summary functions
 - Partition By Queries
 - ROW_NUMBER()
 - RANK()
 - DENSE_RANK()
- Project



PL SQL

Basics

- Pre-requisite – Oracle SQL
- PL SQL Basics
- Why PLSQL?
- Anonymous Blocks
- Data types, Variable, Composite Variables etc

Programming

- if..elsif..else block
- for loop
- while loop
- loop...end loop
- PLSQL Programs

Using SQL in PLSQL Block

- Select
- CRUD
- Transactions etc



Cursors & Adv. Cursors

- Implicit Cursors
- Explicit Cursors
- Cursor For Loops
- Cursor with parameters
- Reference Cursors

Exception Handling

- Understanding Exception Handling
- Using Oracle Defined Exceptions
- Using User Defined Exceptions
- Using Exception Keyword
- Raise_Application_Error
- Raise keyword
- Pragma Exceptions
- Exception Propagation

Procedures

- Creating Procedures
- Nested Procedures
- Overloading Procedures
- Exception handling and propagation



Functions

- Creating Functions
- Overloading Functions
- Nesting Functions and Procedures

Packages

- Package Basics
- Package Specification
- Package Body
- Global constants
- Writing Stored Procedures and Functions in Packages
- Procedure Overloading
- Function Overloading
- Nesting of Functions & Procedures
- Exception Handling in packages
- Using Oracle Supplied Packages

Triggers & Adv. Triggers

- Create, Replace, Drop
- Trigger Types
- Database Triggers
- DML Triggers
- INSTEAD OF Trigger
- Calling Procedure from Triggers



- Adv. Trigger Concepts
- Creating parameters inside Triggers

V Arrays

- Dynamic Array or V Array
- Oracle Pipes
- Oracle Table Function

Bulk Operations Overview

Project

Duration – 2.5 months

more info - <https://quickxpertinfotech.com/oracle-course>



Our Recruiters (1000+ Companies)



etc.



Our Benefits

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