



Complete Practical, Real-time Job Oriented Training

Oracle PL SQL Training

What is Database?

Database is a platform to store any type of data, any amount of data. Easy to use and operate. Highly Secured and Robust.

What is Oracle?

Oracle is a useful and reliable Database Management System (DBMS) Software that can help us to perform the day to day operations like Design, Storage, Retrieval, Security, Analysis, many more .. !

Who can use Oracle?

1. Data Analysts
2. Database Developers
3. Database Admin

Who can join this course?

Anyone. We start the classes from scratch, right from Basics of Oracle. 100% Practical, Real-time Scenario based and job orientation with Realtime Project !

Why to choose SQL School to master Oracle?

We are a prominent training organization with proven track record to implement start of art learning methods for last 19 years. Beside ISO Certified Company, we have a decent client base for our LIVE Instructor Led Trainings with MindTree, ADP, TechM, Infosys, L&T, HCL, Sutherland Global, IMI Mobile, ValueLabs, more .. !

Oracle PLSQL Training:

Module 1: Oracle PLSQL Queries

Module 2: PLSQL Programming

Total Duration: 6 Weeks

Includes one Realtime Project

We assure you:

- ✓ **Step-by-step Practical Trainings**
- ✓ **100% Practical, Interactive**
- ✓ **Resume Guidance, Latest FAQs**
- ✓ **End to End Project Work**

👉 📅 For latest schedules, Free (LIVE) Demo: pls call us or visit: www.sqlschool.com

👉 📅 **Reach us for free demo. Call us on +91 9666440801**

Module 1: Database Fundamentals, Oracle PLSQL Queries

Ch 1: Database, DBMS <ul style="list-style-type: none"> ✓ Database Introduction ✓ Database Types, Purpose ✓ DBMS & Realtime Use ✓ File System: Disadvantages ✓ Databases: Advantages ✓ Database Operations ✓ DBMS Technologies ✓ Oracle DBMS: Intro 	Ch 2: Oracle Installation - 1 <ul style="list-style-type: none"> ✓ Oracle Introduction, Features ✓ Oracle Advantages, Usage ✓ Oracle Versions and Editions ✓ Oracle Installation Guidance ✓ Pre-Requisites and Precautions ✓ Oracle SQL Command prompt ✓ Connect SQL Developer Tool ✓ New Users, Permissions, Grants 	Ch 3: Oracle Installation - 2 <ul style="list-style-type: none"> ✓ Installation Verifications ✓ Installation Precautions ✓ Locking, Unlocking Users ✓ Password Resets ✓ Authentication Options ✓ SQL* Plus Technology ✓ Oracle System user in Oracle ✓ Default Sysdba user
Ch 4: Introduction to DBMS <ul style="list-style-type: none"> ✓ Features of RDBMS ✓ Advantages of RDBMS ✓ E.F Codd Rules for RDBMS ✓ Normalization Concepts ✓ Client Server Architecture ✓ Oracle Versions ✓ SQL & SQL*PLUS 	Ch 5: OLTP AND OLAP <ul style="list-style-type: none"> ✓ Database Types: OLTP & OLAP ✓ Real-world Advantages ✓ Relational Database Model ✓ Database Entities and Attributes ✓ RDBMS Databases: Usage ✓ Oracle DB OLTP Features ✓ Oracle an OLAP Features 	Ch 6: SQL COMMANDS - I <ul style="list-style-type: none"> ✓ Structured Query Language ✓ SQL Operations in Realtime ✓ Possible Operations with SQL ✓ Data Definition Language ✓ Data Retrieval Language ✓ Data Manipulation Language ✓ Transaction Control Language
Ch 7: SQL Commands - II <ul style="list-style-type: none"> ✓ Security & Privileges (DCL) ✓ Queries and Statements ✓ Real-world uses of SQL ✓ Creating Users and Tables ✓ Table Inserts, Validations ✓ Data Types, DESCRIBE ✓ DDL Commands ✓ CREATE, ALTER, TRUNCATE ✓ DROP, RENAME 	Ch 8: Special Operations in SQL <ul style="list-style-type: none"> ✓ SQL Operators ✓ SET, AND, OR, NOT, IN ✓ Special Operators – IN (NOT IN) ✓ BETWEEN (NOT BETWEEN), ✓ Arithmetic & Logical Operators ✓ Operator Precedence ✓ UNION, UNION All & LIKE ✓ INTERSECT, MINUS, etc.. ✓ IS NULL (IS NOT NULL) 	Ch 9: Transaction Types <ul style="list-style-type: none"> ✓ DCL and TCL Commands ✓ Transactions in Databases ✓ Transaction Types and Uses ✓ Commit and Rollback ✓ Transactions with Savepoints ✓ Read Consistency with SQL ✓ Transaction types in Oracle? ✓ Realtime use of Transactions ✓ Auto Commit , Explicit, etc..
Ch 10: Grouping Query Results <ul style="list-style-type: none"> ✓ Distinct Values in Tables ✓ Group, Aggregate function ✓ Group By Statement Syntax ✓ Group By Operations in SQL ✓ Having with Group By ✓ Order By Clause, Group By ✓ Grouping() Function Usage 	Ch 11: Single Row Function <ul style="list-style-type: none"> ✓ Order By Clause and Group By ✓ SQL Group By Statement ✓ Arithmetic, Character Functions ✓ Date & Time, String Function ✓ Conversion, Analytical Functions ✓ Rank,Dense_Rank,Row_Number ✓ NVL(),NVL2(), NullIF(),Coalesce() 	Ch 12: Constraints & Keys - I <ul style="list-style-type: none"> ✓ Importance of Data Integrity ✓ Data Integrity constraints ✓ Types of Integrity Constraints ✓ Domain Integrity Constraints ✓ Entity Integrity Constraints ✓ Referential Integrity ✓ Check & UNIQUE

Ch 13: Constraints & Keys - II <ul style="list-style-type: none"> ✓ PRIMARY KEY Constraint ✓ FOREIGN KEY Constraints ✓ Column Level & Table Level ✓ Adding Constraints ✓ Self-Referential Integrity ✓ Disabling Constraints ✓ Cascading Keys in Realtime ✓ Use Case Scenarios 	Ch 14: Queries & Joins - I <ul style="list-style-type: none"> ✓ Joins and Table Comparisons ✓ SET Operations with Joins ✓ How do Joins work in SQL? ✓ Equi Join, Simple Join ✓ Inner Join and Query Conditions ✓ Cross Join (Cartesian Join) ✓ Join syntax and Ansi Syntax ✓ Non-Equi Join and Self Join 	Ch 15: Queries & Joins - II <ul style="list-style-type: none"> ✓ Outer Joins – Types ✓ Cross Joins – Advantages ✓ Merge Joins, Sub Queries ✓ Join Aliases and Conditions ✓ Inner Self Joins with HAVING ✓ JOINS and GROUP BY Queries ✓ Inner Join and Self Join ✓ Realtime Use Cases
Ch 16: Views <ul style="list-style-type: none"> ✓ Understanding Views & Use ✓ Relational, Standard Views ✓ SIMPLE, COMPLEX VIEWS ✓ Column Definitions ✓ VIEWS for DML Operations ✓ Forced, CHECK Constraints ✓ READ ONLY VIEWS - Use ✓ (Indexed) Views 	Ch 17: Synonyms, Sequences <ul style="list-style-type: none"> ✓ Sequences, with Synonyms ✓ Use of Synonym in Oracle? ✓ Views Versus Synonyms ✓ Table Synonyms Usage ✓ Public and Private Synonyms ✓ Synonym Identification Options ✓ Realtime Use of Synonyms ✓ Synonyms : Limitations 	Ch 18 : Sub Queries - I <ul style="list-style-type: none"> ✓ Sub Queries in Real-world ✓ Conditions with Sub Queries ✓ Sub Queries, Nested Queries ✓ Nested Sub Query Execution ✓ Inner and Outer Queries ✓ Sub Queries and HAVING ✓ Performance Impact ✓ Retrieval of Nth Row
Realtime Case Study (Ecommerce / Medicare)		

Module 2: PLSQL Programming

Ch 19: SUB QUERIES - II <ul style="list-style-type: none"> ✓ Delete Duplicate Records ✓ Advantages: Sub Queries ✓ Subquery, Clause Examples ✓ Execution of Correlated Sub ✓ IN, ANY SOME, ALL ✓ PAIR WISE & NON PAIR ✓ Single, Multi Row Subquery ✓ Multiple Column Subquery 	Ch 20: PL/SQL – (Control Structures) <ul style="list-style-type: none"> ✓ Simple If, If..Else, Nested If..Else ✓ Ladder, Selection, Case Stmt ✓ GOTO Label & EXIT Statements ✓ Iterations, Simple LOOP, WHILE ✓ FOR LOOP and NESTED LOOPS ✓ PL/SQL Select statements ✓ Composite Data Types ✓ Cursor Management in PL/SQL 	Ch 21 : PL/SQL – (CONTROL STRUCTURE) - Level II <ul style="list-style-type: none"> ✓ Implicit & Explicit Cursors ✓ Cursor with Parameters ✓ Cursors with Sub Queries ✓ Reference Cursors ✓ Cursor Exit Options ✓ FOR Loops with Cursors ✓ Realtime Considerations
Ch 22: OOPS Concepts <ul style="list-style-type: none"> ✓ Object Technology and Use ✓ OOPS - Object Instances 	Ch 23: ADVANCED PL/SQL - 1 <ul style="list-style-type: none"> ✓ Procedures in PL/SQL ✓ PROCEDURES @ Parameters 	Ch 24 : ADVANCED PL/SQL - 2 <ul style="list-style-type: none"> ✓ Triggers and their types? ✓ Follows & READONLY Tables

<ul style="list-style-type: none"> ✓ Creation of Objects ✓ User Defined Data Types ✓ Object Tables in Oracle ✓ Inserting rows using Object ✓ Data @ Object Based Tables ✓ Methods, Indexing Abstract ✓ Data type Attributes 	<ul style="list-style-type: none"> ✓ Procedures, Cursors, Queries ✓ ALTER and DROP of SPs ✓ Functions and Real-time Use ✓ User Defined Functions ✓ Nested Functions ✓ Comparing Functions and SPs ✓ Complex Procedures in PLSQL 	<ul style="list-style-type: none"> ✓ Inline Views Manipulations ✓ Purity Levels in Oracle ✓ Source Dictionary Packages ✓ PACKAGE Specifications ✓ PACKAGE Body , Big Data ✓ Trigger Types in Realtime ✓ Triggers with Procedures
<p>Ch 25 to 27: Realtime Project (Banking / Ecommerce) Domain with complete solution, explanation & Resume Guidance</p>		

👉 📅 Ensure on time practice throughout the course, our support for your learning, job search, always!

👉 📅 Reach us for free demo. Call us on +91 9666440801 or visit www.sqlschool.com

Best Regards,
Team SQL School
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