



Complete Practical; Real-time Job Oriented Training

### **What is a Database?**

A database is a centralized system used to store, organize, and manage large volumes of data in a structured way, ensuring security, consistency, and high availability.

### **What is Oracle Database?**


Oracle Database is a powerful, enterprise-grade relational database management system (RDBMS) developed by Oracle Corporation. It is widely used in businesses for data storage, transaction processing, and analytics across industries.

### **What is an Oracle DBA?**

Oracle DBA (Database Administrator) is a specialized role focused on the installation, configuration, administration, tuning, and backup of Oracle databases. An Oracle DBA ensures that the database is secure, highly available, and performing optimally for mission-critical business operations.

### **Who can join this course?**

Anyone interested in managing and maintaining enterprise databases. No prior experience is required. We start from the fundamentals of databases and UNIX, and gradually cover real-time Oracle DBA tasks.

 Placement assistance is provided based on individual performance and availability of job roles.

### **What about Lab Practice? What are the System Requirements**

Operating System: Windows or Linux (Windows recommended for beginners)

RAM: Minimum 6 GB

Processor: Any modern processor (Intel/AMD)

We will help you with Oracle installation (19c or latest version), SQL

Developer setup, and Linux/UNIX tools for a fully guided hands-on learning experience.

**Trainer:** Mr. Shekar has 15+ years of experience primarily as an Oracle DBA and Secondary MS SQL Server DBA, providing support on Test, Development, and Production environments.

## Oracle DBA & Cloud Training

<b>Ch 1: Getting Started with UNIX</b> <ul style="list-style-type: none"><li>✓ What is UNIX &amp; Architecture</li><li>✓ Login, Logout &amp; Password Management</li><li>✓ List Files, Users &amp; Directories</li><li>✓ UNIX Shutdown Commands</li></ul>	<b>Ch 2: File Management &amp; VI Editor</b> <ul style="list-style-type: none"><li>✓ File Creation &amp; Display Commands</li><li>✓ Hidden Files &amp; Metacharacters</li><li>✓ Edit Files Using vi Editor</li><li>✓ File Count, Copy, Rename, Delete</li></ul>	<b>Ch 3: Directory Management</b> <ul style="list-style-type: none"><li>✓ Absolute vs Relative Paths</li><li>✓ Create, Copy, Rename Directories</li><li>✓ Remove &amp; Navigate Directories</li><li>✓ Dot (.) and Dot-dot (..) Directories</li></ul>
<b>Ch 4: File &amp; Directory Permissions</b> <ul style="list-style-type: none"><li>✓ File/Dir Access Modes (r, w, x)</li><li>✓ chmod (Symbolic &amp; Absolute Modes)</li><li>✓ chown &amp; chgrp Commands</li><li>✓ Ownership &amp; Permission Change</li></ul>	<b>Ch 5: Users, Groups &amp; Environment</b> <ul style="list-style-type: none"><li>✓ Create/Modify Users &amp; Groups</li><li>✓ Profile Files (.bash_profile)</li><li>✓ Set Environment Variables</li><li>✓ Path and Shell Settings</li></ul>	<b>Ch 6: SQL Introduction &amp; Queries</b> <ul style="list-style-type: none"><li>✓ SQL Command Types (DML, DDL...)</li><li>✓ SELECT, WHERE, ORDER BY</li><li>✓ DISTINCT, ALIAS, CASE, DUAL Table</li><li>✓ Logical &amp; Comparison Operators</li></ul>

<b>Ch 7: Single Row Functions</b> ✓ Character & Numeric Functions ✓ Date & Conversion Functions ✓ Nested Functions ✓ Using GROUP Functions	<b>Ch 8: Joins &amp; Subqueries</b> ✓ INNER, OUTER, SELF Joins ✓ Table Aliases ✓ Single/Multiple Row Subqueries ✓ Nested Queries Usage	<b>Ch 9: DML &amp; Transaction Control</b> ✓ INSERT, UPDATE, DELETE, TRUNCATE ✓ COMMIT & ROLLBACK ✓ SAVEPOINT & Restore ✓ Data Validation
<b>Ch 10: Tables &amp; Constraints</b> ✓ Create, Alter, Drop Table ✓ Add/Remove/Hide Columns ✓ Constraint Types & Syntax ✓ Table Renaming & READ ONLY Mod	<b>Ch 11: Intro to Oracle DBA</b> ✓ What is a Database? ✓ DBA Roles & Tools ✓ Oracle Product Overview ✓ Database Types & Vendors	<b>Ch 12: Oracle Instance Architecture</b> ✓ SGA, PGA & Process Architecture ✓ Logical vs Physical Storage ✓ Control, Redo, Data Files
<b>Ch 13: Software Installation &amp; DB Creation</b> ✓ 12cR1 & 12cR2 Installation ✓ DBCA GUI & Manual Creation ✓ Database Layout ✓ Patch Set Prerequisites	<b>Ch 14: Startup, Shutdown &amp; Parameters</b> ✓ Startup/Shutdown Modes ✓ Initialization Parameter Files ✓ System & Session Parameters ✓ Using V\$ & DBA_ Views	<b>Ch 15: User Management &amp; Security</b> ✓ Common & Local Users ✓ Roles & Privileges ✓ Profiles & Password Policies ✓ Session Management
<b>Ch 16: Tablespace &amp; Datafile Admin</b> ✓ Create/Alter/Drop Tablespaces ✓ Resize Datafiles ✓ Segment & Extent Management	<b>Ch 17: Undo Tablespace</b> ✓ Create & Manage Undo ✓ Assign Undo Tablespace ✓ Transaction Undo Usage ✓ Views for Undo Monitoring	<b>Ch 18: Temporary Tablespace</b> ✓ Create & Resize Temp Files ✓ Temp Tablespace Groups ✓ Views for Temp Usage ✓ Best Practices

<b>Ch 19: Control File Management</b> ✓ Purpose of Control Files ✓ Multiplexing Control Files ✓ Backup Control Files ✓ V\$CONTROLFILE View	<b>Ch 20: Redo Logs &amp; FRA</b> ✓ Redo & Archive Logs ✓ Archive Mode Setup ✓ Fast Recovery Area (FRA) ✓ Redo Log Views	<b>Ch 21: Oracle Net Services</b> ✓ Oracle Listener Setup ✓ netca & netmgr Utilities ✓ Dedicated vs Shared Server ✓ TNS_ADMIN Configuration
<b>Ch 22: Database Links</b> ✓ DB Link Overview ✓ Private vs Public Links ✓ Create & Drop Links ✓ Use Cases for DB Links	<b>Ch 23: Logical Backup (Data Pump)</b> ✓ expdp & impdp Basics ✓ Table/Schema/DB Export ✓ Metadata Packages	<b>Ch 24: RMAN Backup &amp; Restore</b> ✓ RMAN Concepts & Configuration ✓ Full & Incremental Backups ✓ Catalog Usage
<b>Ch 25: Flashback &amp; Restore Points</b> ✓ Flashback Modes & Prereqs ✓ Restore Point Setup ✓ Flashback Table/DB ✓ Use Cases	<b>Ch 26: RMAN Duplicate Cloning</b> ✓ Cloning Types ✓ Clone Oracle Home ✓ Duplicate Command ✓ Considerations & Cleanup	<b>Ch 27: Standby DB &amp; Data Guard</b> ✓ Physical & Logical Standby ✓ Data Guard Architecture ✓ SQL & RMAN for DG Setup ✓ Real-time Apply & Monitoring
<b>Ch 28: Performance Tuning</b> ✓ Memory Structure Sizing ✓ Wait Events & Session Tracing ✓ Index Monitoring ✓ AWR Reports & Stats	<b>Ch 29: Oracle Patching</b> ✓ Versioning & Patch Types ✓ Applying PSU & SPU ✓ OPatch Utility ✓ Upgrade Patch Strategy	
<a href="mailto:contact@sqlschool.com">contact@sqlschool.com</a> <b>New batch Schedules:</b> <a href="http://www.sqlschool.com/Register">www.sqlschool.com/Register</a> Call/WhatsApp: +91 966644 0801, +91 966664 0801  <b>Trainer:</b> Mr. Praveen Tholeti <b>Profile:</b> <a href="http://www.sqlschool.com/Postgres-Trainer-PraveenSir">www.sqlschool.com/Postgres-Trainer-PraveenSir</a>		 <p>The image shows a certificate from SQL School. It is a 'CERTIFICATE OF COMPLETION' for a course. The text on the certificate includes: 'This Certificate is proudly Presented to', followed by a redacted name 'XXXXXXXXXXXX', and 'has successfully completed ZZZZZZ in Jan, 2024.' There are logos for SQL School and a Managing Partner. A verification URL is provided at the bottom: 'Verify this certificate at www.sqlschool.com/cert'.</p>
<b>This Oracle DBA Course is 100% Practical, Step by Step. Reach us now!</b>		