Learnomate Technologies is the Information technology company which provide training on different IT Technologies.

Out of that **Oracle DBA** is the one of the fastest growing technology. Course structure design in such a way that student will learn from Basic concepts to advance.

SQL SYLLABUS KEY POINTS

Introduction to SQL
- Theoretical Concepts and Importance of SQL

SQL Commands
- DML- Insert, Update, Delete, Call, Explain call, Lock
- DDL- Create, Drop, Alter Truncate
- DQL- Select
- DCL- Grant, Revoke
- TCL- Commit, Savepoint, Rollback, Set Transaction, Set Constraints

SQL Clauses
AND, OR, Not, Where, In, Between, Top, Group by, Having, Like, Order by

SQL Operators
Min & Max, Count, Average, Sum, Any, All

SQL Join
Inner Join , Outer Join, Left Join , Right Join , Full join , self join ,

SQL Store Procedures
SQL Null Functions
SQL Case
SQL Null Functions
SQL Aliases

SQL Database

Create Database, Drop database, Backup database, Create table, Drop table, Alter table Constraints, Unique, Primary key, Foreign key, Check, Default index, Auto increment Sql Dates, Views, Injection, Hosting, Datatypes.

LINUX SYLLABUS KEY POINTS

- **Introduction and installation of Ubuntu.**
- **Add/remove user**
- **Change ownership/ owner**
- **Change permissions of files, groups**
- **Create linux group**
- **Cut command in linux**
- **Delete user Files & Directories**
- **Grep command**
- **Linux file content command**
- **User management MAN Command**
- **Package in linux**
- **Rename & delete Linux Backup**
- **Tr command in linux**
- **Vi editor**
- **Unix command.**

ORACLE DBA SYLLABUS

Oracle Architectures

SGA, PGA, Background processes, Instance, Parameter files, Datafile, Control file, Archive logs, Oracle multitenant Architecture, Static and Dynamic parameters, Password file.

Installation and Configuration of Oracle 19C Database

Introduction & theoretical concepts of Database, Installation of Oracle Linux on Virtual box, Oracle Database Software Installation, Database Installation using dbca, Remote access through MobaXterm and Putty.

User Management

Practical demonstration on User creation, Privileges, Role, create profile, Datafiles, Listener Configuration, tns configuration, alert log file.

Tablespace Management

Automatic Segment space management, Understanding Segments / extents and blocks Block utilization parameters, Different block Sizes.

Backup & Restoration

EXPDP & IMPDP: Schema level backup, Table level backup, Tablespace backup, Content & query, Table_Exist_Action, restoration, Datapump usage and Scenarios.
RMAN: How to take full database backup and restoration, Archive log backup.
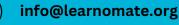
ASM (Automatic Storage Management)

Theoretical Concept of ASM and Installation and configuration of ASM, Mirroring and Striping, Rebalancing, ASM disk management, ASM Power Limit,

Dataguard

Dataguard Architecure, Configure standby databaseby active duplicate method, types of standby database, MRP process, tns and listener configuration.

Shell Scripting

Understanding Cronjob, writing basic scripts

Patching

Practical on how to apply patch on database software and related concepts, Types of patches.

Upgradation

Upgrade database from 12C to 19C.

OEM and Performance Tuning

Understand how to generate AWR/ADDM/ASH reports, Index Rebuilding, Gather stats, Blocking in SQL Statement

Real Time Scenarios

- Loss of a Control File.
- Loss of a Redo Log File.
- Loss of a Data File in NOARCHIVELOG Mode.
- Loss of a Noncritical Data File in ARCHIVELOG Mode.
- Loss of a System-Critical Data File in ARCHIVELOG Mode.
- Oracle Recovery Manager.
- Backups using Oracle Recovery Manager
- Recovery using Oracle recovery manager.
- Database Cloning using RMAN.
- Tablespace Point in time recovery.
- Incomplete recovery .
- Database and Instance Metrics.
- Reacting to Performance Issues.

TOOLS

- **SQL Developer**
- **Ubuntu**
- **Oracle Virtual Box**
- **Oracle Linux**
- **Oracle Database [12c and 19c]**
- **MobaXterm**
- **Putty**

TRAINING HIGHLIGHTS

- **Recording Access shared to students on Learnomate App**
- **Professional Resume building by Industrial working mentors**
- **Dedicated Support Team to solve issues [8 Am to 8 Pm]**
- **Placement assistance/Job requirement notification support/HR contacts**
- **Training Certificate: Receive a recognized certificate upon course completion**
- **LinkedIn, Naukri.com Profile: Enhance your online presence with professionally curated profiles.**
- **Flexible Learning Options: Choose between offline and online training to suit your schedule.**
- **Interview Preparation, Mock Interviews: Nail your interviews with our tailored preparation and mock interview sessions**
- **Real-time Scenarios Explained: Learn through practical examples to master real-world applications.**
- **❓ Doubt Sessions: Clarify your doubts through dedicated doubt-clearing sessions.**

Contact Details

If you required any further information, please fill free to contact us.

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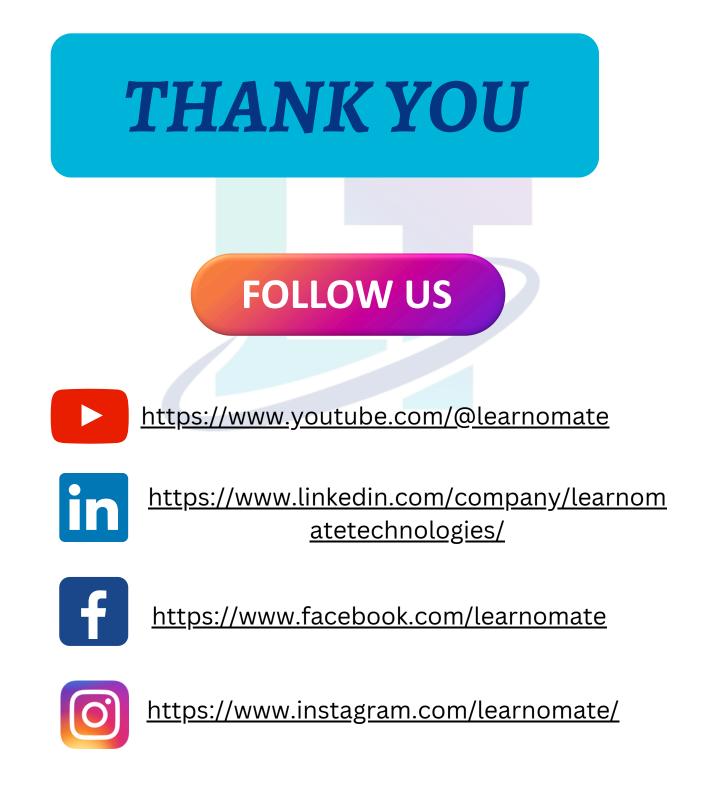Office no.216, Solitaire business hub, 2nd floor, Kaspate Wasti, Wakad, Pune,
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