



H.No: 7-1-413/2, Beside Sonabai Temple, Near Reliacne Fresh, Balkampet Rd, Ameerpet, Hyderabad - 500038

Oracle Course Content

Module-1: Introduction to DBMS

- **Introduction to Database**
- **Terminologies in Database**
- **Introduction to File Management System**
- **Drawbacks for File Management System**
- **Advantages of Database Management** System(DBMS)
- **Importance of Structured Query** Language(SQL)

Module-2: Environmental Setup

- **Downloading Oracle Database Software**
- **Installing the Oracle Database Software**
- **Interacting with Database Using Command** Line Interface tool.
- Interacting with Database using Graphical User Interface(GUI) Tools.
- **Downloading & Installing MySQL Database** Software.

Module-3: Database Commands

- **Introduction to Database Commands**
- **DDL Commands**
 - CREATE
 - **DROP**
 - **TRUNCATE**
 - RENAME

- **DML Commands**
 - **INSERT**
 - UPDATE
 - DELETE
- **DQL / DRL Commands (SELECT)**
- **TCL Commands**
 - COMMIT
 - **ROLLBACK**
- **Importing Some Sample Databases**

Module-4: Integrity Constraints

- **Introduction to Data Integrity**
- **Primary Key**
- **Foreign Key**
- **Unique Key**
- Composite key
- **Not Null**
- Check

Module-5: SQL Clauses

- Where
- Group by
- Having
- Order by

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Module-6: SQL Operators

- Union
- **Union All**
- Intersect
- Minus
- **Special Operators**
 - IN, NOT IN
 - BETWEEN, NOT BETWEEN
 - LIKE, NOT LIKE
 - ISNULL, ISNOT NULL

Module-7: SQL Functions

- **Arithmetic Functions**
- **Character Functions**
- **Date Functions**
- **Aggregate Functions**

Module-8: Sub Queries

- **Introduction to Sub Queries**
- Single Row Sub Query
- **Multiple Row Sub Query**
- **Correlated Sub Query**

Module-9: SQL Joins

- **Introduction to Joins**
- **Types of SQL Joins**
- Cartesian join/product
- Equi Join / Inner Join / Simple Join
- **Outer Joins**
- **Self-Joins**

Module-10: Other Discussions

- **Database Sequences**
- **Database Views**
- **Database Indexing**
- Creation and execution of DB Stored procedures
- Creation and execution of DB Stored **Functions**
- **Stored Procedure (Vs) Stored Functions**
- **Interview Questions**

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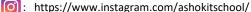


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