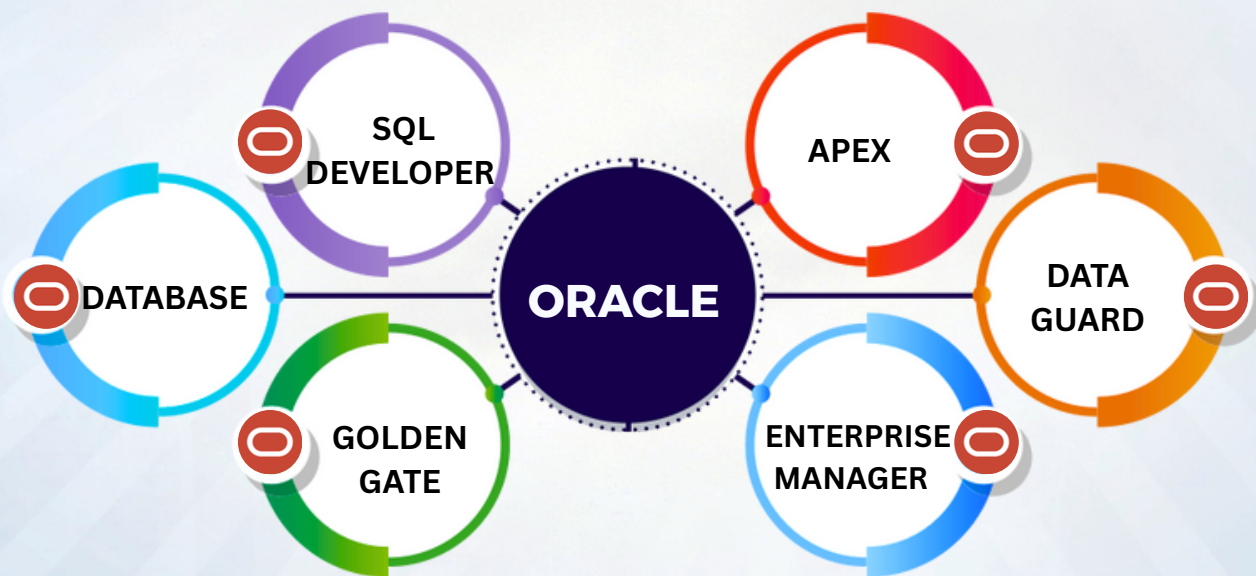




ORACLE





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

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

COURSES OFFERING



**JAVA
FULLSTACK**



**PYTHON
FULLSTACK**



**UI
FULL STACK**



LINUX



**CLOUD
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WITH AWS**



DSA



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