

**UNLOCK YOUR POTENTIAL IN
THE DIGITAL REALM WITH OUR**



SQL



SQL Programming Language

➡ SQL Syllabus

➡ DDL (Data Definition Language)

- ➡ Create
- ➡ Alter
- ➡ add
- ➡ modify
- ➡ rename
- ➡ Drop
- ➡ truncate

➡ DML (Data Manipulation Language)

- ➡ INSERT
- ➡ UPDATE
- ➡ DELETE



➡ Aggregate function

- ➡ Max()
- ➡ Min()
- ➡ sum()
- ➡ avg()
- ➡ count()

➡ DML (Data Manipulation Language)

- ➡ Column Level Constraint
- ➡ Table Level Constraints
- ➡ CASCADING CONSTRAINTS
- ➡ NOT NULL Constraint
- ➡ UNIQUE Constraint
- ➡ PRIMARY KEY Constraint
- ➡ CHECK Constraint
- ➡ FOREIGN KEY Constraint
- ➡ ALTER TABLE with CONSTRAINT
- ➡ Enabling Constraint
- ➡ Disabling Constraint



➡ Aggregate function

- ➡ Max()
- ➡ Min()
- ➡ sum()
- ➡ avg()
- ➡ count()

➡ Build-In function

concat() replace()
substr() translate()
uppder() greatest()
lower() least()
initcap() ascii()
char() lpad()
nvl() nvl2()
nullif() mod()
round() trunc()



⇒ Build-In function

sqrt() trim()
ltrim() rtrim()
add_month() months_between()
next_day() coalesce()
to_char() to_date()
rpad() char()
instr()

⇒ constraint

- 1) Not- null constraint
- 2) unique
- 3) check
- 4) primary key
- 5) foreign key
- 6) composite key
- 7) enable
- 8) disable
- 9) how to check number of constraint in a table
- 10) Star Schema



➡ Group function

- 1) Group by
- 2) Group by two column
- 3) group by with where clause
- 4) Group by with having clause
- 5) group by with joins
- 6) grouping
- 7) ROLLUP using GROUP BY
- 8) CUBE using GROUP BY
- 9) GROUPING using GROUP BY
- 10) GROUPING SETS using GROUP BY



➡ Subquery

- 1) Single row subquery
- 2) multiple row subquery
- 3) multiple column subquery
- 4) correlated subquery
- 5) nested subquery
- 6) EXIST subquery
- 7) In operator , between, and ,like operator

➡ Join

INNER JOIN:
LEFT (OUTER) JOIN
RIGHT (OUTER) JOIN
FULL (OUTER) JOIN
self join
cross join



➡ View

- 1) Creating VIEW
- 2) SIMPLE VIEW
- 3) WHERE using View
- 4) DML operation using View
- 5) FORCE using View
- 6) Column Alias using View
- 7) GROUP FUNCTION using VIEW
- 8) materialized view

➡ Index

simple index
complex index
UNIQUE INDEX
Function Based Indexes
reverse index
clustered index



➡ SET Operator

1) UNION

2) UNION ALL

3) INTERSECT

4) Minus

5) set operator with more than two table
merge statement in sql

decode in sql

with check option in sql

Controlling User Access

CREATE TABLESPACE

Privileges in Oracle

CREATEUSER

GRANTS

ROLE

Change Password

Object Privileges



➡ Advance SQL

- 1) WITH GRANT OPTION keyword
- 2) PUBLIC keyword
- 3) REVOKE Object
- 4) Privileges Dense and Rank
- 5) Partition of Table
- global temp table sql
- 6) SQL Loader
- 7) SQL Windows Function
8. Common Table Expression (CTE) in SQL
- 11) How to use Linked In for job search
- 12) Real time Scenario base questions
- 13. Practice Assignment**
- 8) SQL Project**
- 9) Mock Interview**
- 10) CV preparations**
- 11) Normalization in sql



COURSE OFFER

01 C/C++

02 Java

03 Data Analyst

04 Python

05 Power Bi

06 Core dot net

07 SQL

08 PLSQL

09 Web design

10 angular js

11 React js

12 Spoken English

13 c# dot net

14 Advance excel



Job-oriented Course

01

Java-Fullstack (5 Months)

02

Dot net full stack 4-5 Months

03

Pythoj Full stack 5 months

04

Data Anyalst 3 Months



Why to Join Lotus IT Hub ?

01 Training by industry experts

02 Complete hands on practice

03 Live Project

04 Job-oriented training

05 Daily Assignment to improve technical skill

06 Mock/ Interview Preparation

07 Weekly doubt session

08 placement assistance

09 placement guidance

