

SQL Topics You Have Covered (Correct & Completed)

1. Basic SQL Commands

- SELECT
- FROM
- WHERE
- ORDER BY (ASC, DESC)
- DISTINCT
- LIMIT/TOP (basic understanding)

✓ Status: Fully Covered

2. SQL Operators

- =, <>, !=
 - , <, >=, <=
- AND / OR
- NOT (logical negation)
- BETWEEN
- IN / NOT IN
- LIKE / NOT LIKE
- Wildcards: %, _

✓ Status: Fully Covered

3. String Functions

- LEN()
- REPLACE()
- CONCAT()
- LOWER(), UPPER() (partially)

✓ Status: Fully Covered

4. Date Functions

You learned:

- YEAR()
- MONTH()
- CONCAT(YEAR, MONTH)
- Filtering using YEAR()
- Grouping using YEAR() and MONTH()

✓ Status: Fully Covered

5. Aggregate Functions

You learned:

- COUNT(*)

- SUM()
- AVG()
- MIN()
- MAX()

✓ Status: Fully Covered

6. GROUP BY

You practiced:

- GROUP BY 1 column
- GROUP BY 2 columns
- Year-wise grouping
- Month-wise grouping
- Department-wise grouping
- City-wise grouping

✓ Status: Fully Covered

7. HAVING Clause

You learned how to use HAVING with:

- COUNT
- SUM
- AVG
- MAX

✓ Status: Fully Covered

8. ORDER BY + GROUP BY

- Ordering grouped results
- ASC/DESC with YEAR, Department, etc.

✓ Status: Fully Covered

9. OFFSET / FETCH

You learned:

- OFFSET only
- OFFSET + FETCH
- Pagination
- Requirements of ORDER BY with OFFSET

✓ Status: Fully Covered