



Day 28 – SQL Practice Reflection

 Date: [11/08/2025]

 Theme: Real-World SQL Mock Interview Challenge

Key Learnings & Observations

1. Difficulty Level:

This set was significantly tougher compared to previous days and felt like a real interview round.

Required deeper logical thinking, careful reading of requirements, and multiple trial-and-error approaches.

2. New Learnings:

Strengthened window function usage for ranking and running totals.

Practiced nested subqueries for filtering specific customer behavior (credit + debit).

Improved in writing multi-table joins for real-world business logic.

Learnt to approach bonus challenge where comparison between aggregated metrics from two domains (transactions vs orders) was required.

3. Challenges Faced:

Some queries required breaking down the problem into multiple steps rather than writing in one go.

Bonus challenge was logically straightforward but required careful aggregation and comparison logic.

Had to experiment with HAVING vs WHERE clauses for correct grouping behavior.

4. Self-Assessment:

Realized the importance of consistent practice with interview-style problems.

Need to work more on date manipulation, aggregation comparisons, and advanced filtering.

Takeaway Quote

“The tougher the challenge, the sharper the skill. Real-world SQL problems are the true test of readiness.”