

Assumed Insurance Schema (for reference)

Customer(CustomerID, CustomerName, City)

Policy(PolicyID, CustomerID, PolicyType, PremiumAmount, StartDate)

Claim(ClaimID, PolicyID, ClaimAmount, ClaimDate, ClaimStatus)

Agent(AgentID, AgentName, City)

PolicyAgent(PolicyID, AgentID)

◆ A. Subqueries using EXISTS (12 Queries)

1. Find customers who **have at least one policy**.
 2. List customers who **have made at least one claim**.
 3. Find policies **for which at least one claim exists**.
 4. Display agents who **handle at least one policy**.
 5. Find customers who **have a policy with premium > 50,000**.
 6. List policies where **a claim with amount > 1,00,000 exists**.
 7. Find agents who **serve customers from the same city**.
 8. Display customers who **do not have any claims**.
 9. List policies that **do not have any claims yet**.
 10. Find customers who **have both policies and claims**.
 11. Display agents who **have handled a policy with a rejected claim**.
 12. Find customers who **have more than one policy (using EXISTS with correlated subquery)**.
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◆ B. Subqueries using ANY (11 Queries)

13. Find policies with **premium greater than ANY premium of policies held by CustomerID = 101**.
14. List customers whose **policy premium is greater than ANY premium in the Health policy type**.
15. Find claims where **claim amount is greater than ANY claim made in 2024**.
16. Display policies whose **premium is less than ANY premium of policies issued after 2023**.
17. Find customers whose **policy premium equals ANY premium of policies in city 'Delhi'**.
18. List agents who **handle policies whose premium is greater than ANY premium of Life policies**.
19. Find policies whose **premium is greater than ANY premium of policies having claims**.

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20. Display customers who **have policy premiums less than ANY premium of Motor policies**.
 21. Find claims whose **amount is less than ANY claim rejected**.
 22. List policies whose **premium is greater than ANY premium of policies sold by AgentID = 5**.
 23. Find customers whose **policy premium is greater than ANY premium of customers from Mumbai**.
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◆ **C. Subqueries using ALL (12 Queries)**

24. Find policies with **premium greater than ALL premiums of Motor policies**.
 25. List customers whose **policy premium is less than ALL premiums of Life policies**.
 26. Find claims where **claim amount is greater than ALL claims made in 2023**.
 27. Display policies whose **premium is less than ALL premiums issued after 2024**.
 28. Find customers whose **policy premium is greater than ALL premiums of customers from Chennai**.
 29. List agents who handle policies with **premium greater than ALL premiums of Health policies**.
 30. Find policies whose **premium is equal to ALL premiums of a specific customer (single-premium customer)**.
 31. Display customers whose **claim amount is less than ALL rejected claim amounts**.
 32. Find policies with **start date later than ALL policies of CustomerID = 102**.
 33. List customers whose **policy premium is greater than ALL premiums of customers having claims**.
 34. Find agents whose **policy premiums are greater than ALL premiums handled by AgentID = 3**.
 35. Display policies whose **premium is less than ALL premiums of policies having claims**.
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Tips for Practice

- EXISTS is best for **presence checks**
- ANY behaves like **minimum comparison**
- ALL behaves like **maximum comparison**
- Always test with **correlated subqueries** for real interview scenarios