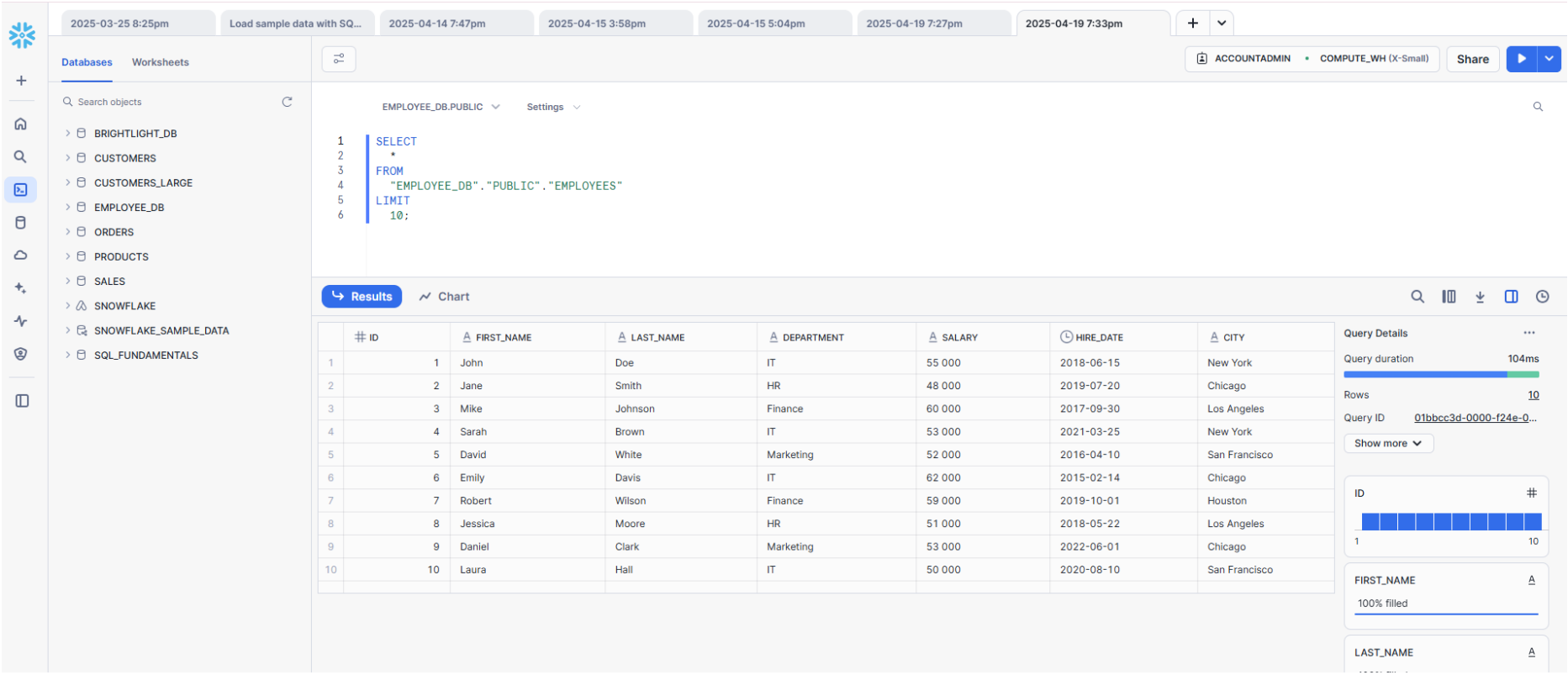
SQL FUNDAMENTALS

Exercise 1 – ANSWERS

Question 1 – SELECT Statement

SQL query to retrieve all columns on Snowflake from the employees table:



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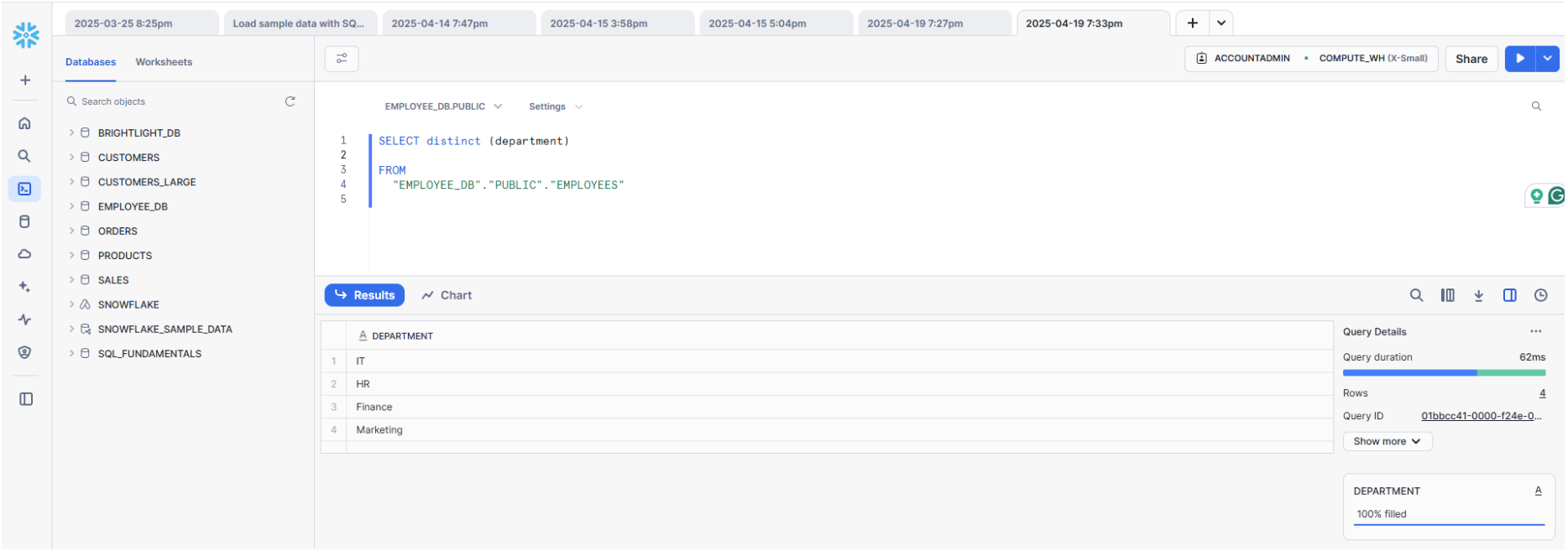
Question 2 – SELECT DISTINCT Statement

SQL query to find all the unique departments in the employee table:



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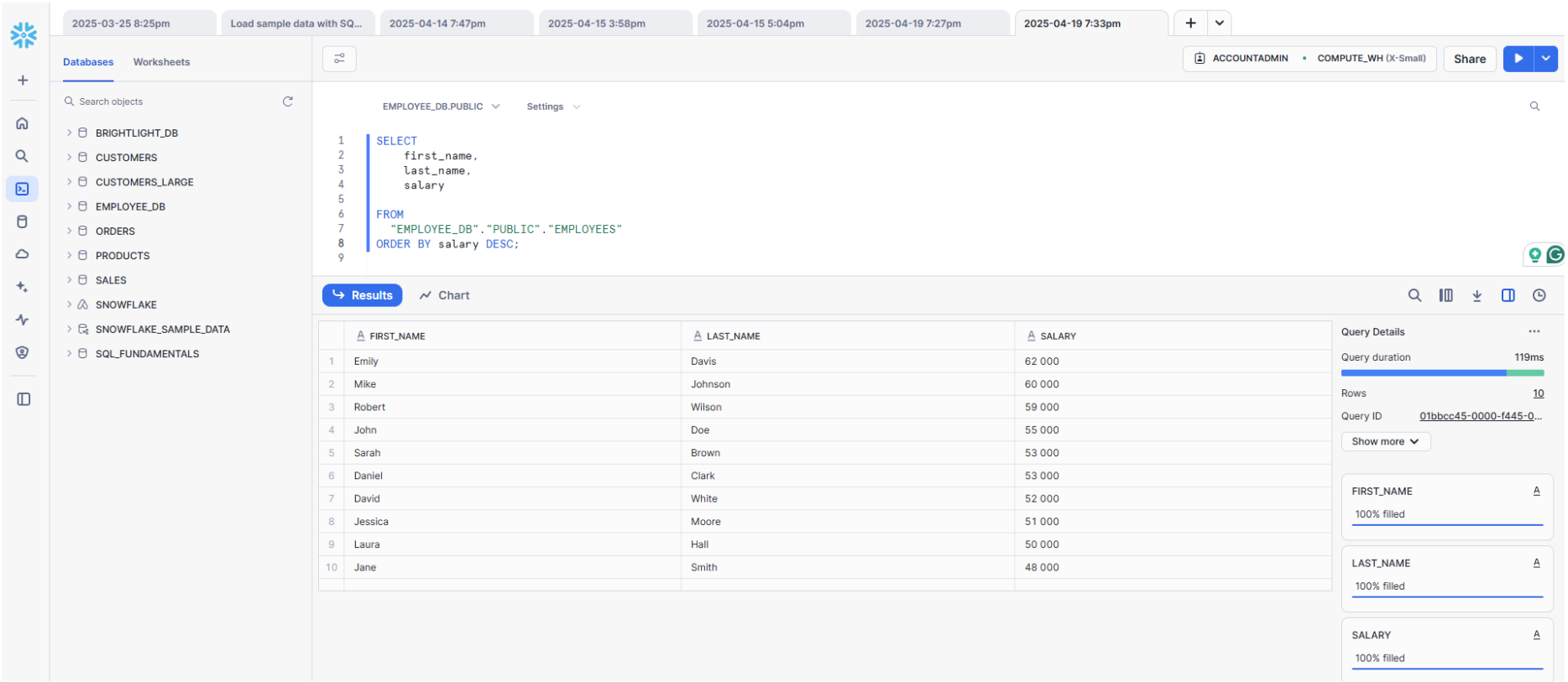
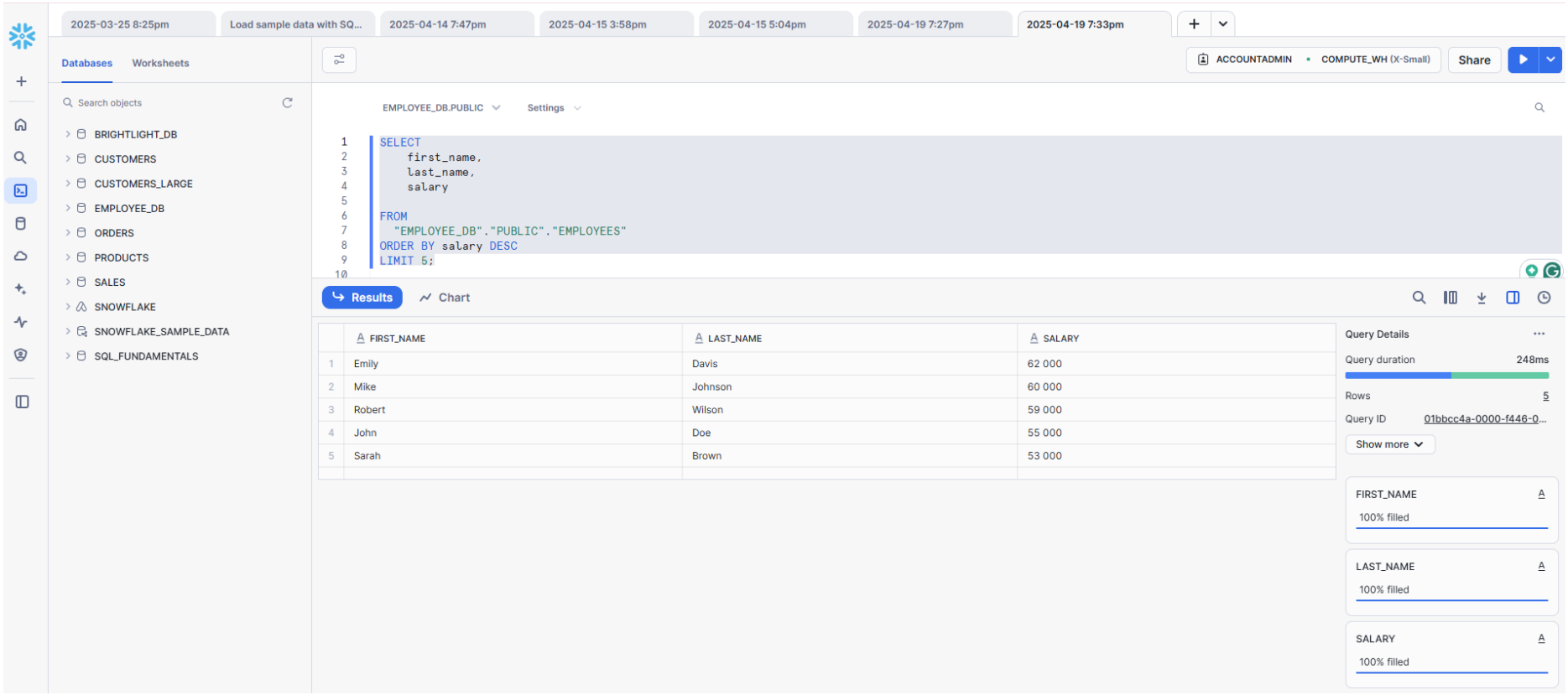
Question 3 – ORDER BY Statement

SQL query to retrieve all employees' first and last names , ordered by salary in descending order:



Question 4 – LIMIT Statement

SQL query to retrieve the top 5 highest-paid employees:



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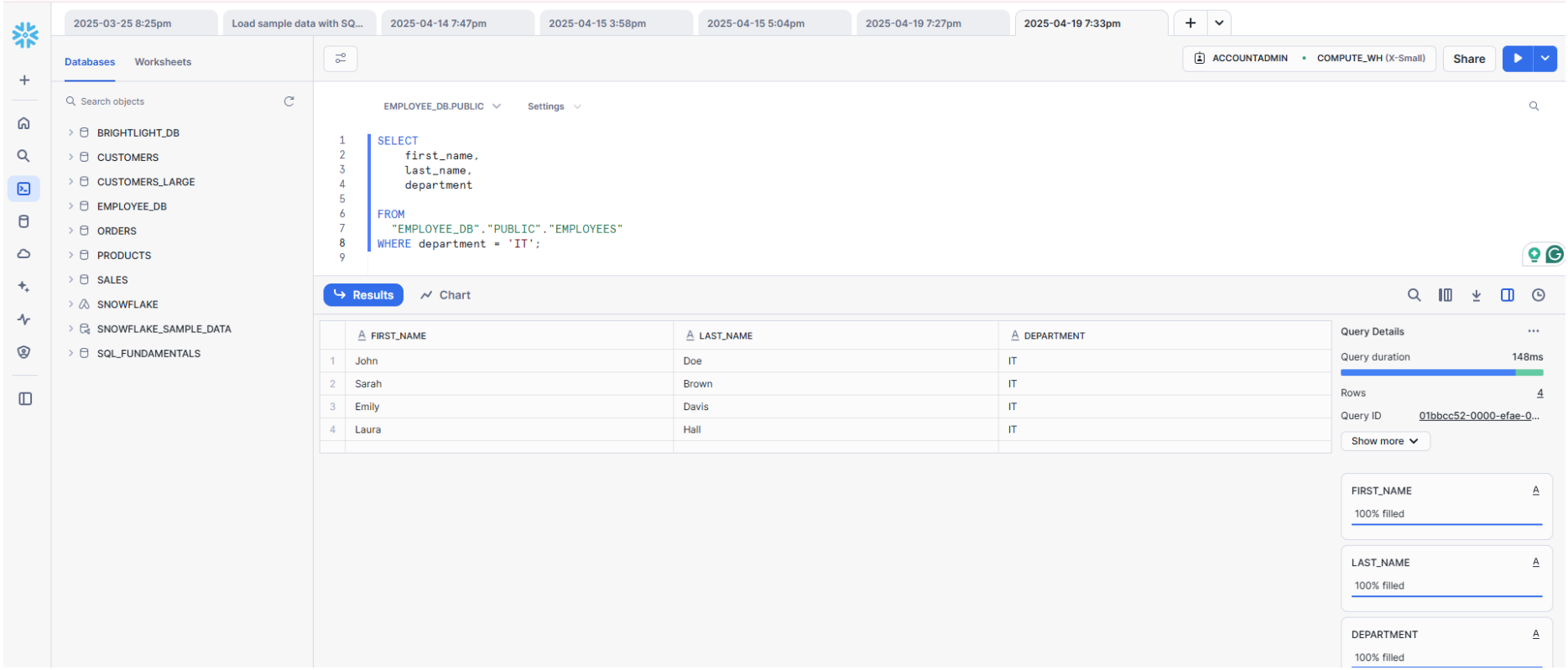
Question 5 – WHERE Statement

SQL query to find employees who work in the IT department:



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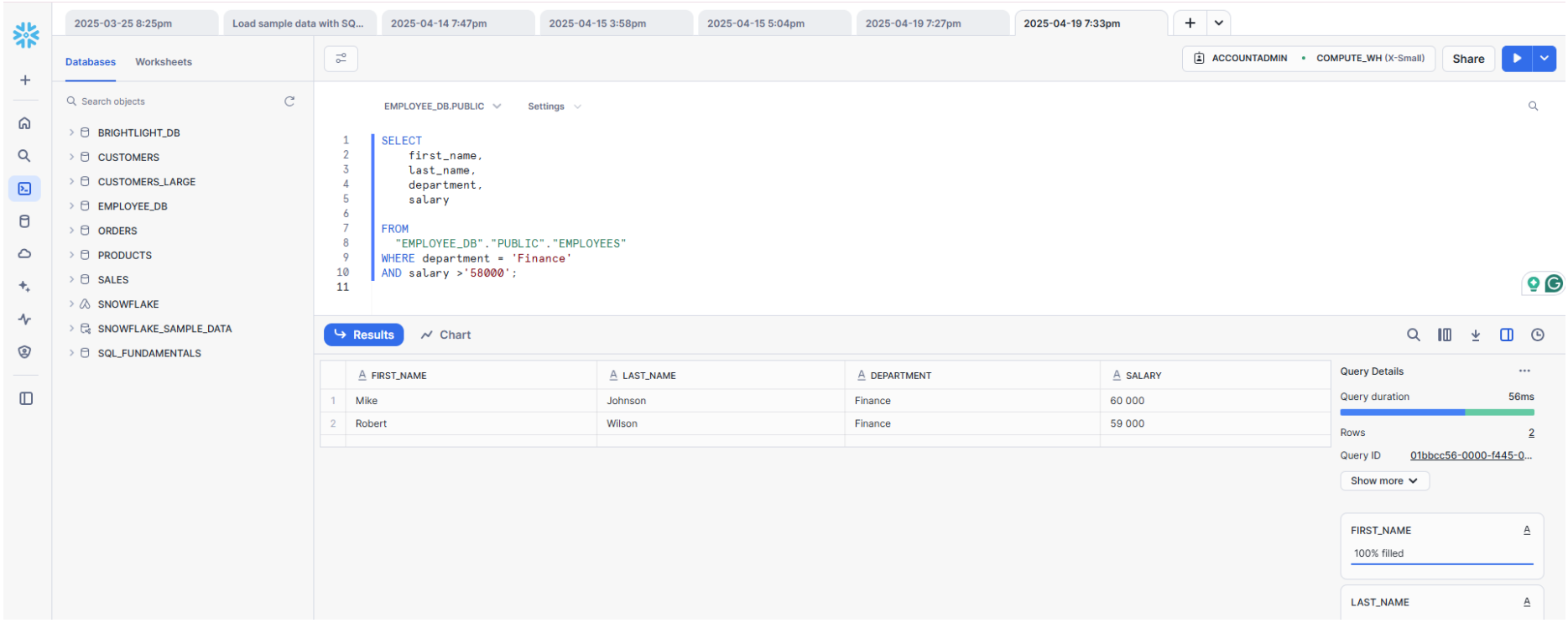
Question 6 – AND Statement

SQL query to find employees who work in the Finance department AND have a salary greater than 58, 000.



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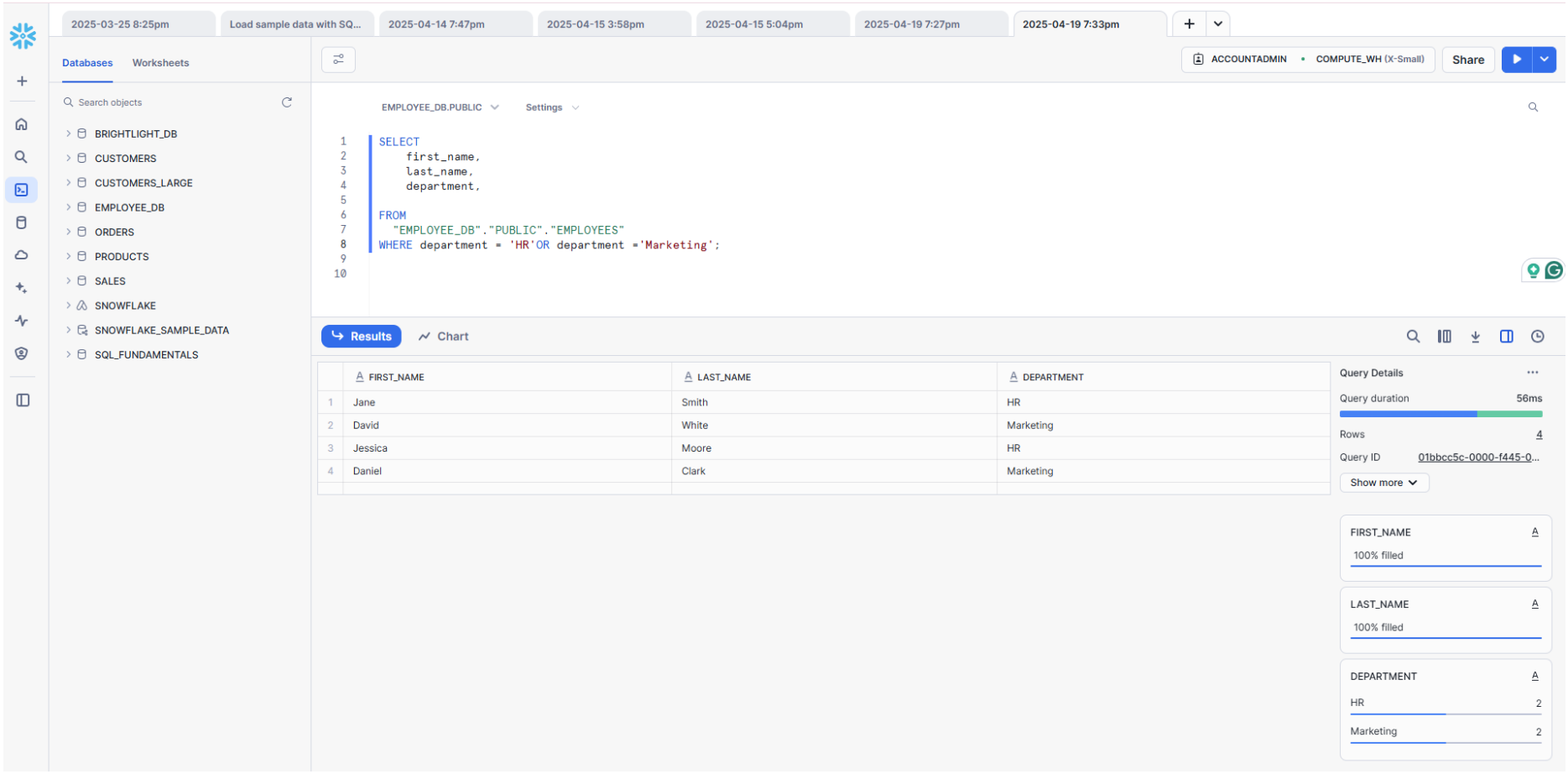
Question 7 – OR Statement

Query to find employees who work in the HR department OR the Marketing department:



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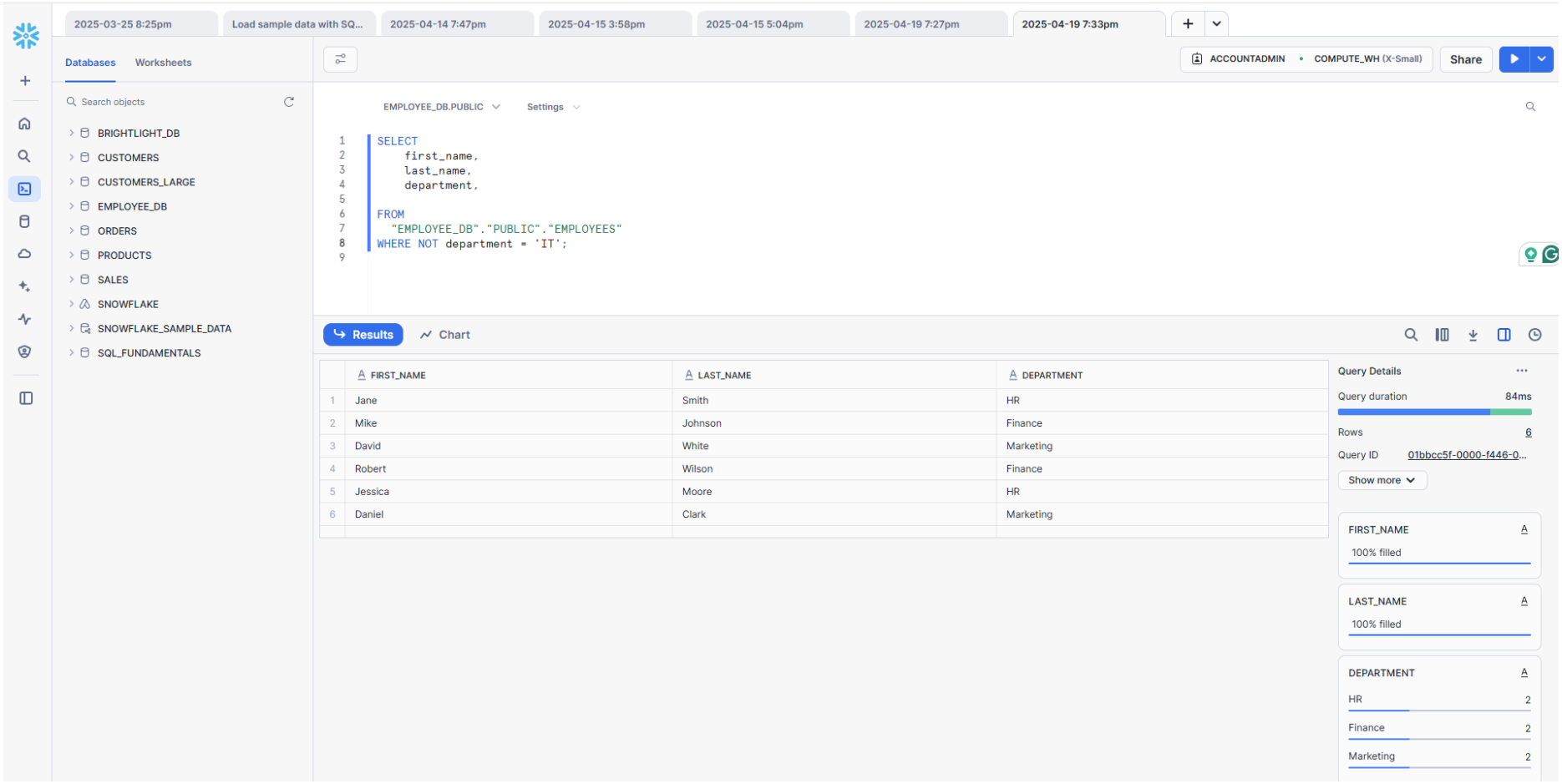
Question 8 – NOT Statement

Query to find employees who do not work in the IT department:



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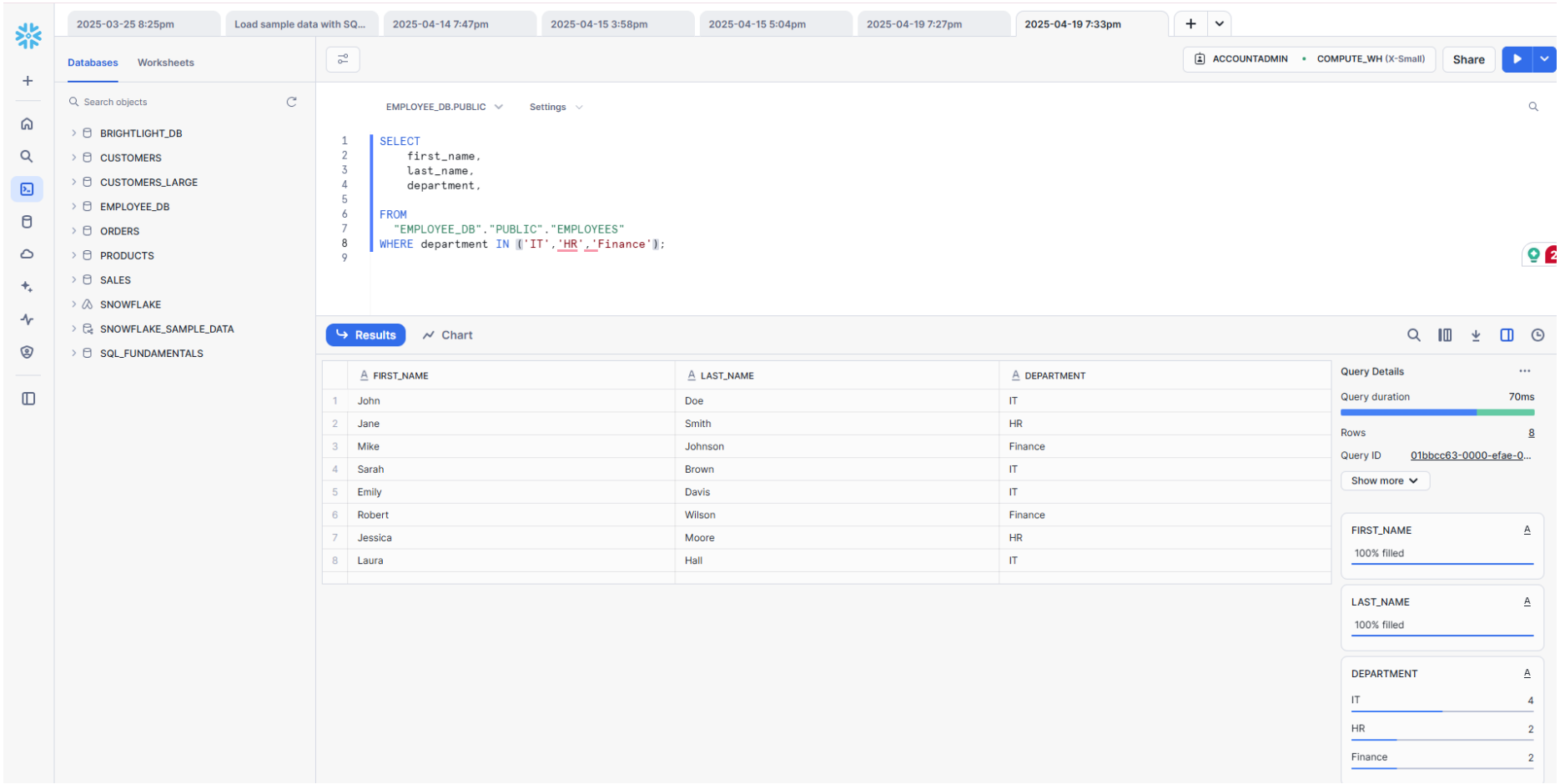
Question 9 - IN Statement

SQL query to find employees who are in HR, IT or Finance departments:



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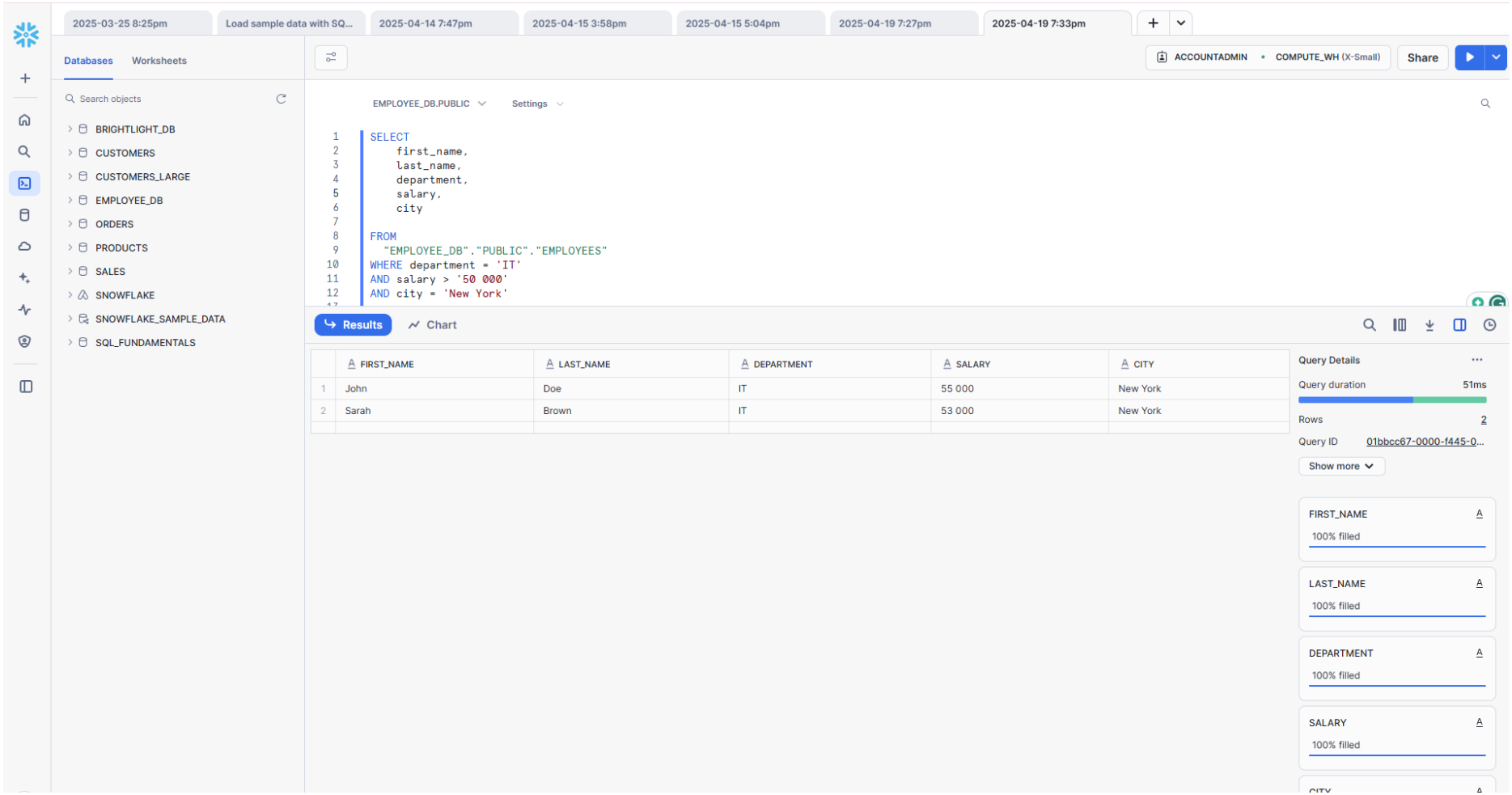
Question 10 – Combining Conditions

SQL query where employees who are in IT department, have a salary greater than 50,000 and are located in New York:



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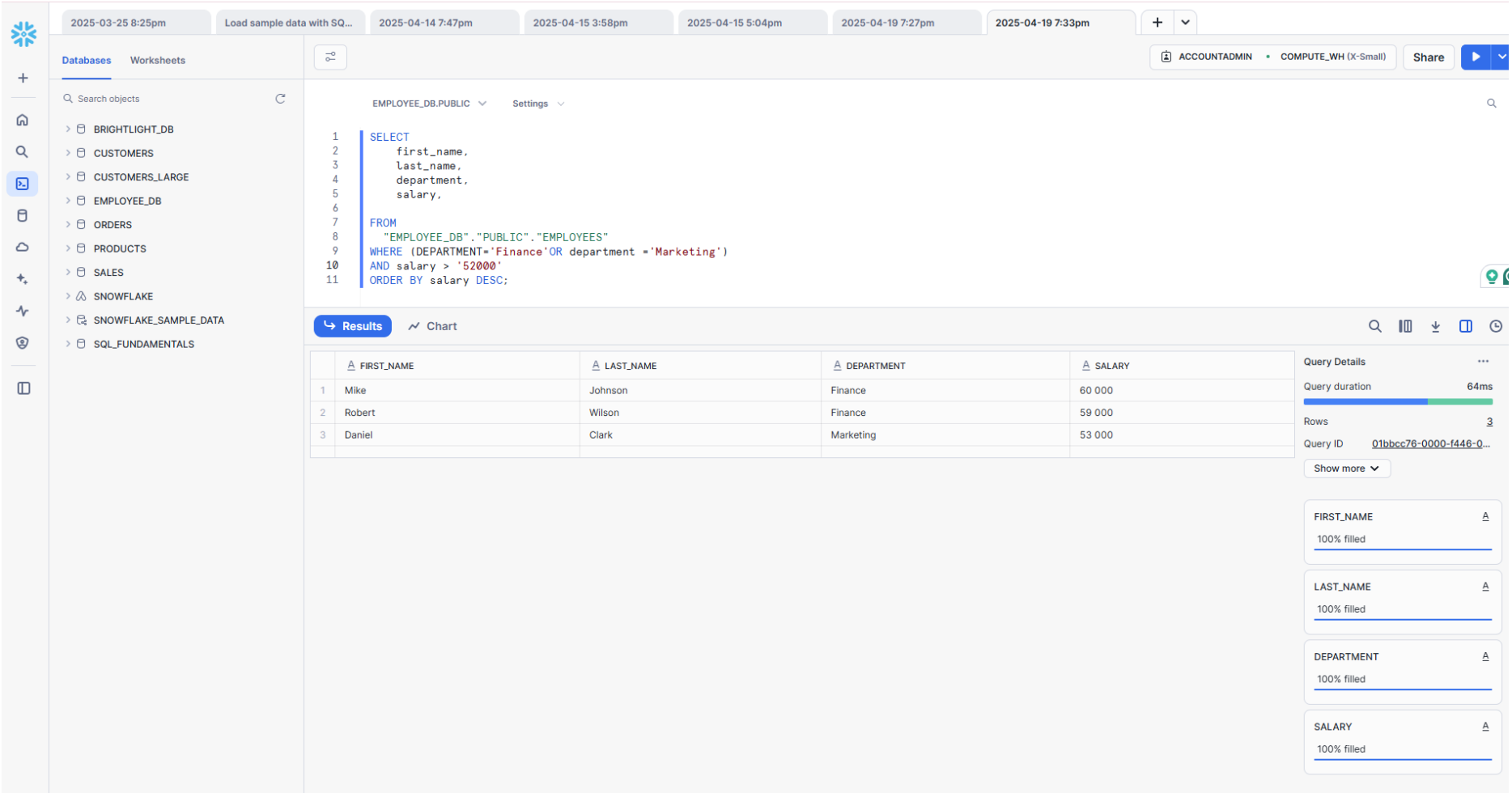
Question 11 – Combining WHERE, AND and ORDER BY

SQL query to retrieve the first and last names of employees who work in the Finance or Marketing department, earn more than 52, 000 and order the results by salary in descending order



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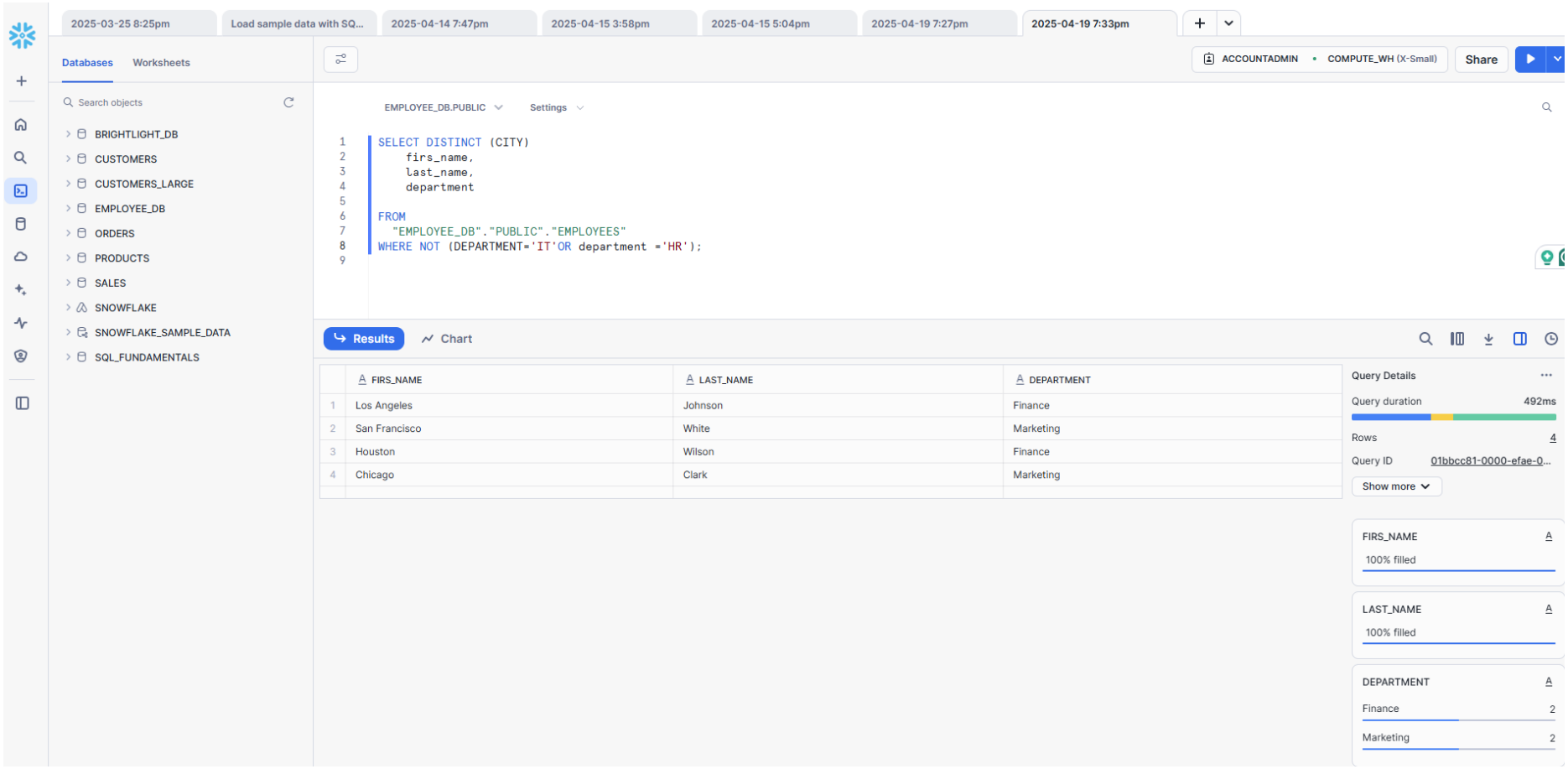
Question 12 – Combining SELECT DISTINCT, WHERE and IN

SQL query to find all the unique cities where employees work, excluding those in IT and HR departments



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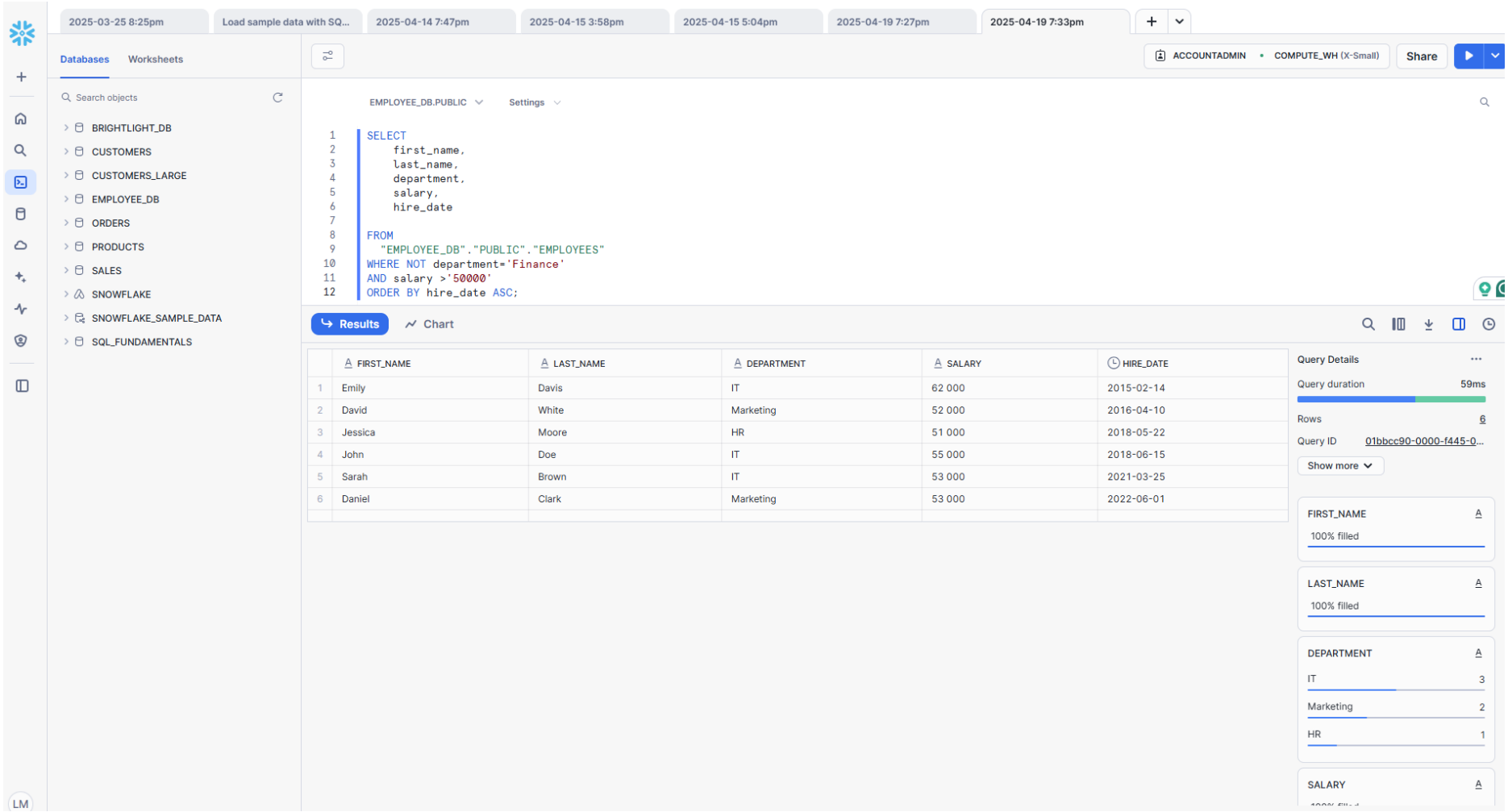
Question 13 – Combining WHERE, NOT, AND, and ORDER BY

SQL query to retrieve employees who are NOT in the Finance department, have a salary greater than 50,000 and order the results by hire date in ascending order:



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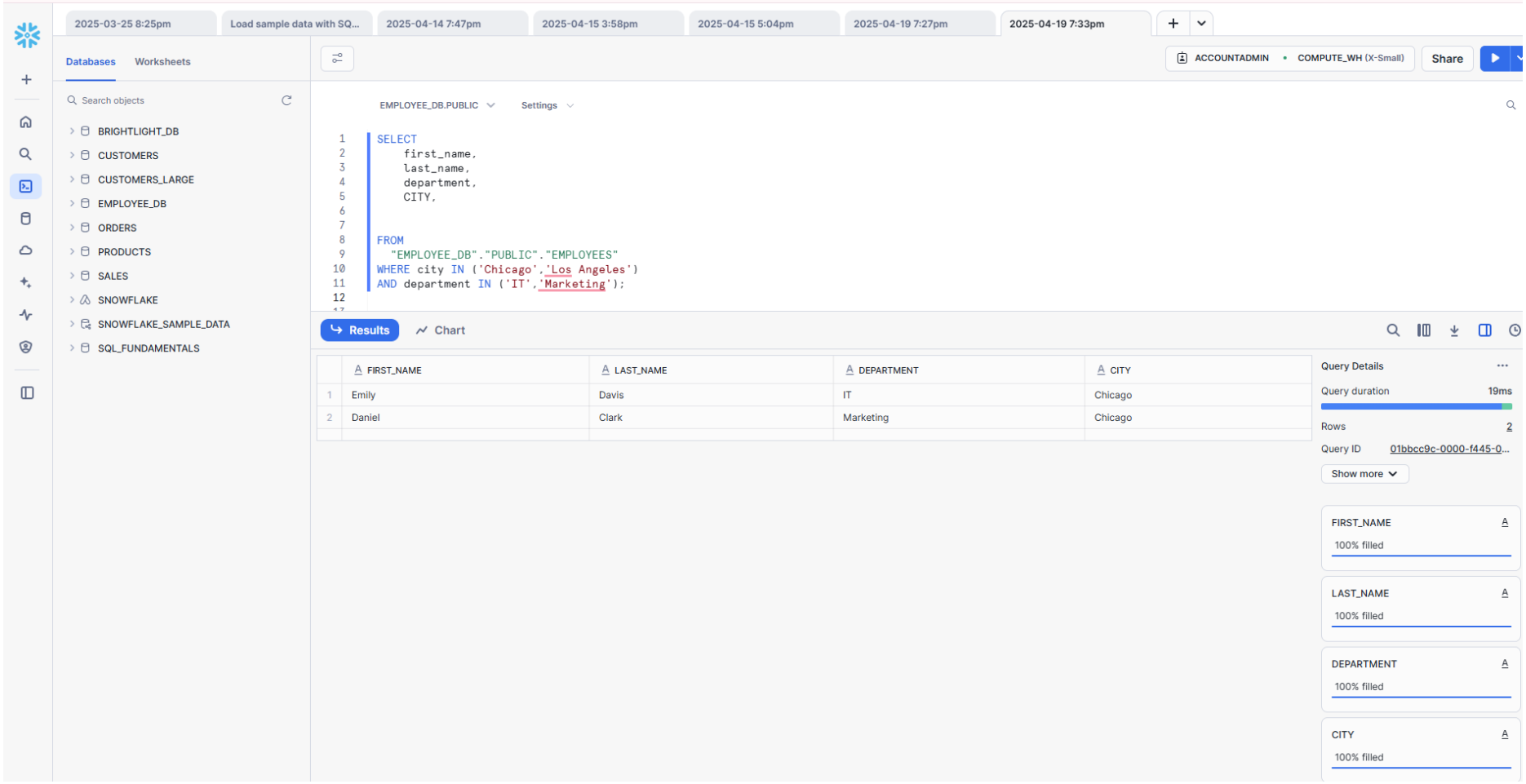
Question 14 – Combining WHERE, OR, IN AND LIMIT

SQL query to find first 3 employees who work in either Chicago or Los Angeles and belonging to the IT or Marketing department:



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