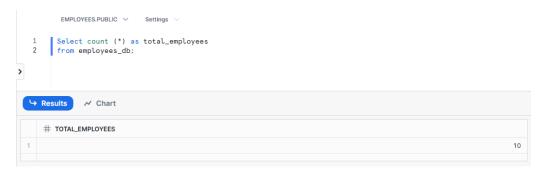
NTOMBIZA MPAHLENI

EXERCISE 2

Questions

1.COUNT () Function

Write a SQL query to find the total number of employees in the company.



2. SUM () Function

Write a SQL query to find the total salary paid to all employees in the IT department.



3. AVG() Function. Write a SQL query to calculate the average salary of employees in the HR department.

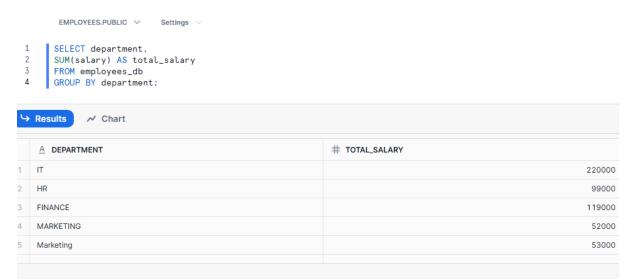
4. MIN () and MAX () Functions

Write a SQL query to find the highest and lowest salary in the company.



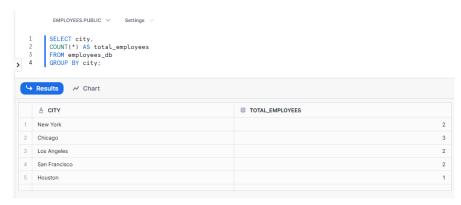
5. GROUP BY Statement

Write a SQL query to group employees by department and display the total salary paid in each department.



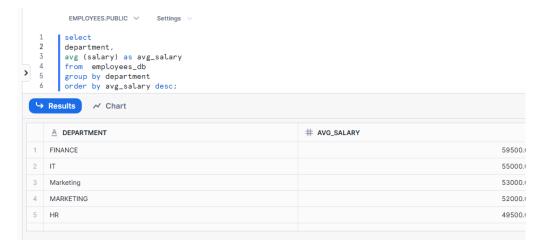
6. GROUP BY and COUNT ()

Write a SQL query to count how many employees work in each city.



7. GROUP BY and ORDER BY

Write a SQL query to group employees by department, calculate the average salary in each department, and order the results in descending order of average salary.



8. HAVING Clause

Write a SQL query to find departments where the total salary paid exceeds 100,000. (Use GROUP BY and HAVING).



9. Combining GROUP BY, HAVING, and ORDER BY

Write a SQL query to list cities where more than one employee works, ordered by the number of employees in descending order.



10. Combining Aggregate Functions

Write a SQL query to find the department with the highest average salary.

