SQL ASSIGNMENT 2

Write SQL queries to answer the following questions using the employees table: **CREATE OR REPLACE TABLE vk_employees (** employee_id INT PRIMARY KEY, first_name VARCHAR(50), last_name VARCHAR(50), department VARCHAR(50), hire_date DATE, salary INT); INSERT INTO vk_employees (employee_id, first_name, last_name, department, hire_date, salary) **VALUES** (1, 'John', 'Doe', 'HR', '2020-01-15', 50000), (2, 'Jane', 'Smith', 'IT', '2019-04-20', 60000), (3, 'Michael', 'Johnson', 'Finance', '2021-08-10', 55000), (4, 'Emily', 'Davis', 'Marketing', '2018-02-05', 52000), (5, 'David', 'Wilson', 'IT', '2022-03-30', 62000); **SELECT * FROM vk_employees;** ----IN THIS I HAVE LOADED THE DATA---

1. Retrieve the first and last names of all employees

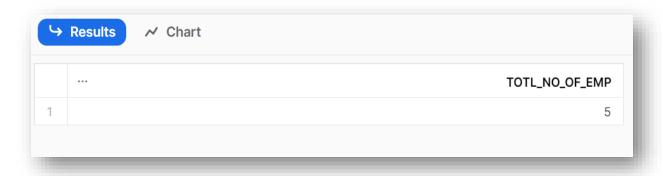
SELECT CONCAT(FIRST_NAME,' ' ,LAST_NAME) AS EMP_FIRST_LAST_NAME

FROM vk_employees;



2. Find the total number of employees in the company

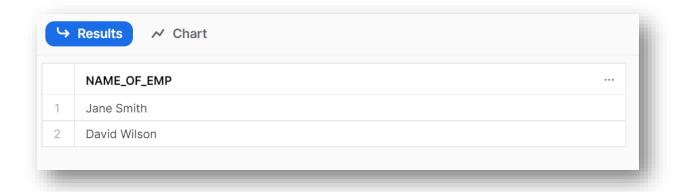
SELECT COUNT(EMPLOYEE_ID) AS TOTL_NO_OF_EMP FROM vk_employees;



3. Get the names of employees who work in the IT department

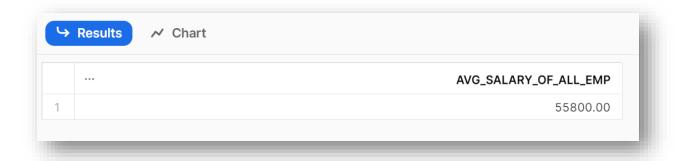
SELECT CONCAT(FIRST_NAME,'',LAST_NAME) AS NAME_OF_EMP FROM vk_employees

WHERE DEPARTMENT = 'IT';



4. Calculate the average salary of all employees.

SELECT ROUND(AVG(salary),2)AS Avg_Salary_of_all_emp FROM vk_employees;



5 Find the employee with the highest salary.

select EMPLOYEE_ID,

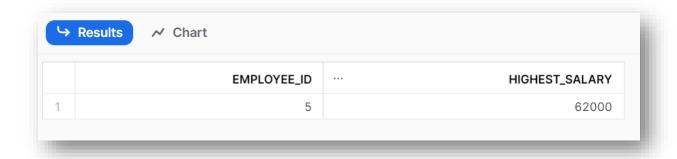
MAX(SALARY) AS HIGHEST_SALARY

FROM vk_employees

GROUP BY 1

ORDER BY 1 DESC

LIMIT 1;



6. List the employees hired before January 1, 2021, along with their hire dates

SELECT HIRE_DATE,CONCAT(FIRST_NAME,'',LAST_NAME) AS NAME_OF_EMP FROM vk_employees

WHERE HIRE_DATE <'2021-01-01';

