

# Final SQL Assessment Instructions

Dear Students,

**This is your Final SQL Assessment. Please carefully read the instructions below and adhere to them to ensure a fair evaluation of your SQL skills.**

**Answer All Questions:** You are required to attempt all the questions provided in this assessment.

**Original Work:** Ensure that your responses are original and not plagiarized from any external sources.

**Submission Format:** Submit your solutions in an SQL file with each question followed by its corresponding answer. The format should be clear and organized.

**Multiple Approaches:** Feel free to employ one or more approaches to solve each question. Creativity and efficiency in your solutions are appreciated.

**Deadline:** The deadline for submitting your SQL file is **20-03-2024 - 9 AM**. Late submissions may not be considered.

[Link To The Tables](#)

1. Select all employees from the HR department:
2. Count the number of employees in each department:
3. Find employees with a salary greater than the average salary:
4. Find departments with more than 2 employees:
5. List employees along with their department information:
6. List all departments and their employees, even if there are no employees assigned:
7. Find the highest salary among all employees:
8. Find the average salary for each department:
9. Calculate the total salary for each department:
10. Rank employees by salary within each department:
11. Find the employee with the highest salary in each department:
12. List employees whose names start with 'A':
13. Find employees with salaries between 60000 and 80000
14. List departments located in 'Headquarters' or 'Tech Park':

15. Count the number of employees per character length of their name:
16. Find employees whose name contains 'son':
17. Find the employee with the lowest salary:
18. Find employees whose department is not 'HR':
19. List employees with a salary greater than 60000 and sorted by salary in descending order:
20. List all employees along with their department and location, but only for departments with more than 1 employee:
21. Find the department with the highest average salary among employees:
22. List all employees who have the same salary as at least one other employee:
23. Find the employee(s) with the highest salary in each location:
24. List all departments and the average salary of employees within each department, sorted by average salary in descending order:
25. Find the employee(s) with the highest salary who are not in the 'Admin' department:
26. Find the employee(s) with the second-highest salary: