

# 39\_Top Three Salaries Medium - Solution

Source - <https://datalemur.com/questions/sql-top-three-salaries>

## Running Notes

- report identifying high earners in each department
- A 'high earner' within a department is defined as an employee with a salary ranking among the top three salaries within that department.
- You're tasked with identifying these high earners across all departments. Write a query to display the employee's name along with their department name and salary.
- In case of duplicates, sort the results of department name in ascending order, then by salary in descending order.
- If multiple employees have the same salary, then order them alphabetically.

```
WITH main_CTE AS (SELECT
  e.employee_id,
  e.name,
  e.salary,
  d.department_name,
  DENSE_RANK() OVER(
    PARTITION BY d.department_name
    ORDER BY e.salary DESC
  )
FROM employee as e
INNER JOIN department as d
ON e.department_id = d.department_id)

SELECT department_name, name, salary
FROM main_CTE
```

```
WHERE dense_rank <=3  
ORDER BY department_name ASC, salary DESC, name ASC
```

Written By,

Harshee Pitroda