Sample Queries Outputs

Find the employees with salaries above the average.

root.session.sql

Run on active connection | Select block

```sql
SELECT first_name, last_name
FROM employees
WHERE employee_id IN (
    SELECT employee_id
    FROM salaries
    WHERE salary > (
        SELECT AVG(salary)
        FROM salaries
    )
);
```

first_name	last_name
Robert	Brown
Michael	Johnson

Find the employees who earn more than the average salary in their department.

root.session.sql

Run on active connection | Select block

```sql
SELECT e.first_name, e.last_name
FROM employees e
WHERE (SELECT salary
        FROM salaries s
        WHERE s.employee_id = e.employee_id) > (
        SELECT AVG(salary)
        FROM salaries s2
        JOIN employees e2 ON e2.employee_id = s2.employee_id
        WHERE e2.department_id = e.department_id
);
```

first_name	last_name
Emily	Davis

Assign rank to employees based on their salary.

root.session.sql

Run on active connection | Select block

```sql
SELECT employee_id, salary,
       RANK() OVER (ORDER BY salary DESC) AS salary_rank
FROM salaries;
```

employee_id	salary	salary_rank
105	80000	1
103	70000	2
104	62000	3
101	60000	4
102	55000	5

Calculate the total salary by department.

root.session.sql

Run on active connection | Select block

```sql
SELECT department_id,
       SUM(salary) OVER (PARTITION BY department_id) AS
       total_salary
FROM employees e
JOIN salaries s ON e.employee_id = s.employee_id;
```

department_id	total_salary
1	122000
1	122000
2	55000
3	70000
4	80000