

SQL Query Report

Introduction

This report discusses three SQL queries based on predefined tables:

- **Employees Table:** Contains employee IDs and names.
- **Salary Table:** Contains salary data linked to employees.
- **Studies Table:** Contains educational data for each employee.

The queries aim to address the following questions:

1. Finding the most educated employee.
2. Calculating the average salary per institution.
3. Calculating the total salary expense per institution.

Query 1: Most Educated Employee

Question: Who is the most educated employee?

Explanation:

The query finds the employee with the highest educational level by joining the "employees" and "studies" tables, ordering by the educational level in descending order.

Query 2: Average Salary per Institution

Question: What is the average salary for each institution?

Explanation:

The query calculates the average salary per institution by joining the "studies," "employees," and "salary" tables and grouping by institution.

Query 3: Total Salary Expense per Institution

Question: What is the total salary expense for each institution?

Explanation:

The query calculates the total salary expense for each institution by summing the salaries of employees in each institution and ordering by the total expense.

Conclusion

The queries provide valuable insights into employee, salary, and educational data, helping with informed decision-making based on the available information.