

FRE521D: Quiz 2

Deadline: February 10, 2025

Instructions

- Answer all **10 questions** using **SQL queries**.
- Ensure your queries run correctly in **Azure Data Studio**.
- Submit your SQL script (.sql file) with your answers.
- Use the database FRE521D and ensure all tables are correctly loaded.
- We will use the **Employees, Departments, Locations, and Jobs** tables as covered in our **labs and lectures**.

Submission Guidelines

- Submit your SQL script file named: FRE521D_SQL_Quiz2_[YourID].sql
- Ensure your answers run correctly in **Azure Data Studio**.
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Questions

1. Write a query to display the **department ID** and the **count of employees** in each department, but only for departments that have at least **5 employees**.
2. Write a query to display the **employee ID, last name, and salary** of employees whose salary is greater than **\$5000**.
3. Write a query to display the **last name and hire date** of every employee who was hired in **1994**.
4. Write a query to display the **last name, salary, and commission percentage** for all employees who earn commissions. Sort the results in **descending order** by salary and commission.
5. Write a query to display the **last name, job title, department number, and department name** for all employees who **work in Toronto**.
6. Write a query to retrieve the **top 5 highest earning employees** based on salary.
7. Write a query to display the **last name and salary** of every employee who **reports to King**.
8. Write a query to find the **first name, last name, and department ID** of employees who work in locations with **ID 1700 or 1800**.
9. Identify the **department name** that has the **highest average salary** among all departments.
10. Write a query to display the **last name** of all employees who have **both ‘a’ and ‘e’** in their last name.