

SQL Lab 2 –

Using a remote data source with joins and advanced searching.

1. You'll need to connect to a remote database running on an outside server.
2. Open your SQL Workbench and create a new connection...here are the credentials you'll need to use:
 - a. Username: dsstudent
 - b. Password: Wahooz!
 - c. Host Name: 68.183.127.66
 - d. Port: 3306 (should be default)
3. When you connect you'll be able to see the Employees Database on your left.
4. Submit the SQL (not the results) in a SQL file via filedrop
 - a. Lastname_lab2.sql

QUESTIONS

1. Find the number of Male (M) and Female (F) employees in the database and order the counts in descending order.
2. Find the average salary by employee title, round to 2 decimal places and order by descending order. HINT: You'll use ROUND, AVG, GROUP BY and ORDER BY
3. Find all the employees that have worked in at least 2 departments. Show their first name, last_name and the number of departments they work in. Display all results in ascending order. HINT JOIN on emp_no
4. Display the first name, last name, and salary of the highest paid employee.
5. Display the first name, last name, and salary of the **second** highest paid employee.
6. Display the month and total hires for the month with the most hires.
7. Display each department and the age of the youngest employee at hire date. HINT: You'll join on emp_no and dept_no
8. Find all the employees that do not contain vowels in their first name and display the department they work in.