

The HR database is a sample database that was originally created by Microsoft and used as the basis for their tutorials in a variety of database products for decades.

The HR sample database has seven tables:

1. The **employees** table stores the data of employees.
2. The **jobs** table stores the job data including job title and salary range.
3. The **departments** table stores department data.
4. The **job\_history** table stores the job history of employees.
5. The **locations** table stores the location of the departments of the company.
6. The **countries** table stores the data of countries where the company is doing business.
7. The **regions** table stores the data of regions such as Asia, Europe, America, and the Middle East and Africa. The countries are grouped into regions.

Data Set Link - <https://www.kaggle.com/datasets/sirajahmad/hr-schema-mysql>

### Tasks

1. Write a query to find the addresses (location\_id, street\_address, city, state\_province, country\_name) of all the departments
2. Write a query to find the name (first\_name, last\_name), department ID and name of all the employees
3. Write a query to find the name (first\_name, last\_name), job, department ID and name of the employees who works in London
4. Write a query to find the employee id, name (last\_name) along with their manager\_id and name (last\_name)
5. Write a query to find the name (first\_name, last\_name) and hire date of the employees who was hired after 'Jones'
6. Write a query to get the department name and number of employees in the department

7. Write a query to display department name, name (first\_name, last\_name), hire date, salary of the manager for all managers whose experience is more than 15 years
8. Write a query to find the name (first\_name, last\_name) and the salary of the employees who have a higher salary than the employee whose last\_name='Bull'
9. Write a query to find the name (first\_name, last\_name) of all employees who works in the IT department
10. Write a query to find the name (first\_name, last\_name) of the employees who have a manager and worked in a USA based department
11. Write a query to find the name (first\_name, last\_name), and salary of the employees whose salary is greater than the average salary
12. Write a query to find the name (first\_name, last\_name), and salary of the employees whose salary is equal to the minimum salary for their job grade
13. Write a query to find the name (first\_name, last\_name), and salary of the employees who earns more than the average salary and works in any of the IT departments
14. Write a query to find the name (first\_name, last\_name), and salary of the employees who earn the same salary as the minimum salary for all departments.
15. Write a query to find the name (first\_name, last\_name) and salary of the employees who earn a salary that is higher than the salary of all the Shipping Clerk (JOB\_ID = 'SH\_CLERK'). Sort the results of the salary of the lowest to highest