

## HR\_Practice Dataset

### ➤ Easy Level (10 Questions)

1. List the names of all countries in the countries table.
2. How many departments are there in the departments table?
3. Find all employees from the employees table whose first name is 'Steven'.
4. What is the average salary of all employees in the company?
5. How many employees work in the 'Sales' department? (department\_id = 80)
6. List the department names and the number of employees in each department.
7. Find all employees who earn more than \$10,000 in salary.
8. What is the maximum salary paid in the company?
9. List all employees who were hired after '01-JUNE-1987'.
10. Find the department with the highest average salary.

### ➤ Intermediate Level (20 Questions)

11. List all employees along with their department names. (Join employees and departments tables)
12. Find the total commission made by all employees in the company.
13. Calculate the average commission rate for each department.
14. List the manager names and the number of employees reporting to each manager.
15. Find all employees who do not have a manager assigned (manager\_id is NULL).
16. For each department, find the average salary and the number of employees.
17. Find all employees who have a job title starting with 'SA' (e.g., SA\_REP, SA\_MAN).
18. List the department names that have more than 10 employees.
19. Find the employee with the highest salary in each department.
20. Calculate the total salary paid to all employees in each department.
21. List all departments along with the countries where their employees are located. (Join employees, departments, and countries tables)
22. Find the average salary for employees in each country.
23. Find the manager with the most direct reports (employees who report directly to them).

24. List all employees who report to a manager named 'David' (manager\_last\_name = 'Austin').
25. Find the department with the lowest average salary.
26. Calculate the age (in years) of each employee based on their hire date and the current date.
27. Find all employees who joined the company in the year 1987.
28. List the top 5 departments with the highest total salary paid to their employees.
29. Find the employee with the highest commission rate in the company.
30. Calculate the total commission made by each sales representative (SA\_REP job title).

➤ **Advanced Level (10 Questions)**

31. Identify all departments that have at least one employee who lives in a city named 'Tokyo' (CITY = 'Tokyo').
32. Use a subquery to find all departments that have an average salary higher than the company's overall average salary.
33. Find all managers who have at least one employee reporting to them and a total commission rate exceeding 0.10 PCT
34. Write a query to display department names and the salary range (minimum and maximum) for employees in each department