

◆ HR Analytics SQL Tasks

1. Basic

1. Show the first 10 employees.
2. Count the total number of employees.
3. List all unique Job Roles.
4. Find the minimum and maximum Monthly Income.
5. Show details of employees older than 50 years.

2. Demographics

1. Count employees by Gender.
2. Find average Age per Department.
3. Count employees by Marital Status.
4. List departments with more than 100 employees.
5. Show the distribution of Education levels.

3. Attrition

1. How many employees have left the company?
2. Find attrition count by Department.
3. Find attrition count by Gender.
4. Compare average Monthly Income of employees who left vs stayed.
5. Find the top 5 Job Roles with highest attrition.

4. Salary & Performance

1. List the top 10 highest paid employees.
2. Show average PercentSalaryHike by Department.
3. Find employees with Performance Rating = 4.
4. Find average Monthly Income by JobLevel.
5. Show employees whose salary is above their department's average.

5. Work Experience & Promotions

1. Find average Total Working Years per Department.
2. Count employees not promoted in the last 5 years.
3. Find employees with more than 10 YearsAtCompany but zero promotions.
4. Show employees with more than 15 YearsWithCurrManager.
5. Find average TrainingTimesLastYear by Department.

6. Advanced Analytics

1. Show department-wise highest salary.
2. Find employees whose Age is above department average.
3. Rank employees by Monthly Income within each Department.
4. Find JobRole with maximum average YearsAtCompany.

5. **Create a view for attrition summary by Department.**