**MySQL Operations**

**1. Total Employees vs Active Employees**

SELECT

COUNT(\*) AS Total\_Employees,

SUM(Active\_Emp\_Count) AS Active\_Employees

FROM employees;

**2. Attrition Rate**

SELECT

(SUM(Attrition\_Count) \* 100.0 / COUNT(\*)) AS Attrition\_Rate

FROM employees;

**3. Average Salary & Experience by Active Employees Details**

SELECT

AVG(Monthly\_Salary) AS Avg\_Salary,

AVG(Exp\_at\_Company) AS Avg\_Experience

FROM employees

WHERE Attrition = 'No';

**4. Attrition by Department**

SELECT

Department,

COUNT(\*) AS Total\_Employees,

SUM(Attrition\_Count) AS Attrition\_Count,

(SUM(Attrition\_Count) \* 100.0 / COUNT(\*)) AS Attrition\_Rate

FROM employees

GROUP BY Department

ORDER BY Attrition\_Rate DESC;

**5. Attrition by Reason (Top 5)**

SELECT

Attrition\_Reason,

COUNT(\*) AS Count

FROM employees

WHERE Attrition = 'Yes'

GROUP BY Attrition\_Reason

ORDER BY Count DESC

LIMIT 5;

**6.** **Active Employees by Job Role**

SELECT

Job\_Role,

COUNT(\*) AS Active\_Employees

FROM employees

WHERE Attrition = 'No'

GROUP BY Job\_Role

ORDER BY Active\_Employees DESC

LIMIT 5;