**HR ANALYSIS REPORT**

1. **Total number of employees recorded:**

SELECT count(\*) AS Total\_Emplyee FROM hr.hr\_analytics;

1. **Total number of employees attrition:**

SELECT count(Attrition) AS Total\_NotAttrition\_Employee FROM hr\_analytics  
where Attrition='Yes'



1. **Total number of employees not attrition:**

SELECT count(Attrition) AS Total\_NotAttrition\_Employee FROM hr\_analytics  
where Attrition='No'



1. **Show how many employees’ attrition also include no of male and female employee attrition from the company:**

SELECT

(select count(Attrition) FROM hr\_analytics

where Attrition='Yes') AS Total\_Attrition\_Employee,

(select count(Attrition) FROM hr\_analytics

where Attrition='Yes' and Gender='Female') AS Total\_Female\_Attrition\_Employee,

(select count(Attrition) FROM hr\_analytics

where Attrition='Yes' and Gender='Male') AS Total\_Male\_Attrition\_Employee

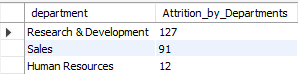


1. **Show total no of attrition with respect to department:**

SELECT department, count(Attrition) AS Attrition\_by\_Departments from hr\_analytics

where Attrition='Yes'

group by Department;

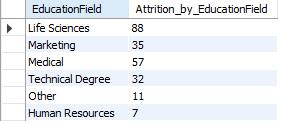


1. **Show total no of attrition with respect to education fields:**

SELECT EducationField, count(Attrition) AS Attrition\_by\_EducationField from hr\_analytics

where Attrition='Yes'

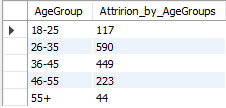
group by EducationField;



1. **Show total no of attrition with respect to age groups:**

SELECT AgeGroup, count(Attrition) AS Attririon\_by\_AgeGroups from hr\_analytics

group by AgeGroup;



1. **Show total no of attrition with respect to departments and gender and age groups:**

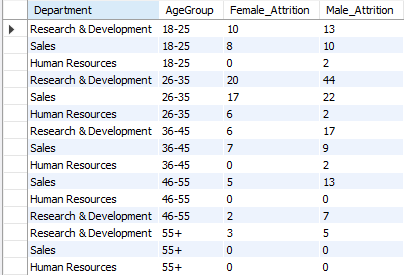
SELECT Department, AgeGroup,

(SELECT COUNT(gender) FROM hr\_analytics WHERE Gender = 'Female' AND Attrition= 'Yes' AND AgeGroup = main.AgeGroup AND Department = main.Department) AS Female\_Attrition,

(SELECT COUNT(gender) FROM hr\_analytics WHERE Gender = 'Male' AND Attrition= 'Yes' AND AgeGroup = main.AgeGroup AND AgeGroup = main.Department) AS Male\_Attrition

FROM hr\_analytics main

GROUP BY Department, AgeGroup;



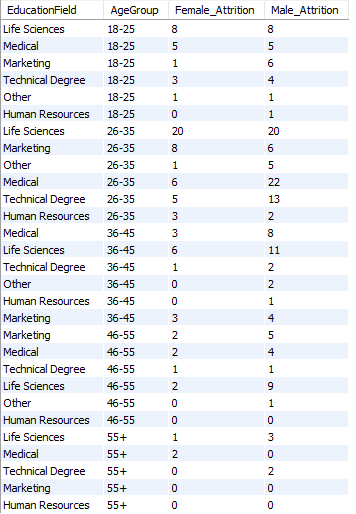
1. **Show total no of attrition with respect to education fields and gender and age groups:**

SELECT EducationField, AgeGroup,

(SELECT COUNT(gender) FROM hr\_analytics WHERE Gender = 'Female' AND Attrition= 'Yes' AND EducationField = main.EducationField AND AgeGroup = main.AgeGroup) AS Female\_Attrition,

(SELECT COUNT(gender) FROM hr\_analytics WHERE Gender = 'Male' AND Attrition= 'Yes' AND EducationField = main.EducationField AND AgeGroup = main.AgeGroup) AS Male\_Attrition

FROM hr\_analytics main

GROUP BY EducationField, AgeGroup;

1. **Show total no of attrition with respect to job role and gender:**

select JobRole,

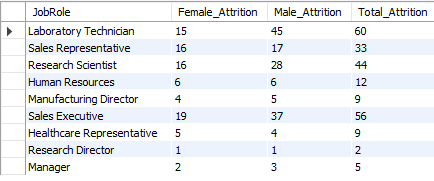
( select count(Attrition) from hr\_analytics where Attrition='Yes' and Gender = 'Female' and JobRole= main.JobRole) as Female\_Attrition,

( select count(Attrition) from hr\_analytics where Attrition='Yes' and Gender = 'male' and JobRole= main.JobRole) as Male\_Attrition,

( select count(Attrition) from hr\_analytics where Attrition='Yes' and JobRole= main.JobRole) as Total\_Attrition

from hr\_analytics main

group by JobRole



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| 1. **Show total no of attrition with respect to job role and job satisfaction:**   select JobRole , JobSatisfaction , count(Attrition) AS Total\_Attririon from hr\_analytics  where Attrition='Yes'  group by JobRole , JobSatisfaction  Order by JobSatisfaction ASC     1. **Show max year at company:**   select max(YearsAtCompany) from hr\_analytics  where Attrition='Yes' | 1. **Show total no of attrition with respect to Salary Slab:**   select salarySlab, count(attrition) AS Total\_Attrition from hr\_analytics  where Attrition='Yes'  group by SalarySlab     1. **Show total no of attrition with respect to Salary Slab and Over Time:**   select salarySlab,  ( select count(attrition) from hr\_analytics where Attrition='Yes' and OverTime='Yes' and SalarySlab=main.SalarySlab) AS OverTime\_Yes,  ( select count(attrition) from hr\_analytics where Attrition='Yes' and OverTime='No' and SalarySlab=main.SalarySlab) AS OverTime\_No,  ( select count(attrition) from hr\_analytics where Attrition='Yes' and SalarySlab=main.SalarySlab) AS Total\_Attrition  from hr\_analytics main  group by SalarySlab     1. **Show the total attrition with respect to martial status:**   select MaritalStatus, Count(Attrition) AS Total\_Attrition From hr\_analytics  where Attrition='Yes'  group by MaritalStatus |