**Employee Count**

select sum(employee\_count) as Employee\_Count

from hrdata\_Sql;

OR:

select sum(employee\_count) as Employee\_Count

from hrdata\_Sql

# where department='R&D'

# where education ='High School'

;

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**Attrition Count:**

select count(attrition)

from hrdata\_Sql

where attrition='Yes';

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**Active Employee:**

select count(active\_employee) AS Active\_Employee

from hrdata\_Sql

where active\_employee =1

**;**

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**Average Age:**

**select round(avg(age),0) as Average\_Age**

**from hrdata\_Sql;**

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**Attrition Rate:**

**select**

**round(((select count(attrition)**

**from hrdata\_Sql where attrition ='Yes')/**

**sum(employee\_count))\*100,2) as Attrition\_Rate**

**from hrdata\_Sql;**

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**Attrition by Gender**

**select gender,**

**count(attrition) as Attrition\_Cont**

**from hrdata\_Sql**

**where attrition='Yes'**

**group by gender**

**order by Attrition\_Cont desc**

**;**

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**Department wise Attrition:**

select department,count(attrition) as Attrition\_Number,round(count(attrition)/

(select count(attrition)

from hrdata\_Sql

where attrition='Yes')\*100,2) as Attrition\_Rate

from hrdata\_Sql

where attrition='Yes'

GROUP BY department

order by Attrition\_Number desc

;

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**No of Employee by Age Group**

select age,sum(employee\_count)

from hrdata\_Sql

group by age

order by age

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**Education Field wise Attrition:**

select education\_field,count(attrition) as Atrrition\_Number

from hrdata\_Sql

where attrition='Yes'

group by education\_field

order by Atrrition\_Number desc;

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**Attrition Rate by Gender for different Age Group**

select gender,age\_band,count(attrition) as Total\_Attrition,round(count(attrition)/

(select count(attrition) from hrdata\_Sql where attrition='Yes')\*100,2) as Attrition\_rate

from hrdata\_Sql

where attrition='Yes'

group by gender,age\_band

order by age\_band,gender desc

;

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**Job Satisfaction Rating**

SELECT

job\_role,

SUM(CASE WHEN job\_satisfaction = 1 THEN employee\_count ELSE 0 END) AS "1",

SUM(CASE WHEN job\_satisfaction = 2 THEN employee\_count ELSE 0 END) AS "2",

SUM(CASE WHEN job\_satisfaction = 3 THEN employee\_count ELSE 0 END) AS "3",

SUM(CASE WHEN job\_satisfaction = 4 THEN employee\_count ELSE 0 END) AS "4"

FROM hrdata\_sql

GROUP BY job\_role

ORDER BY job\_role;

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