

```
1 ● CREATE database HR ;
2 ● use HR ;
3 ● select * from `HR dataset`;
4
5 # Overall Employee Count:
6 ● SELECT COUNT("Employee Count") AS "Overall Employee" FROM `HR dataset`;
7
8 # Attrition Count:
9 ● select count(attrition) from `HR dataset`
10 where attrition='Yes';
11
12 # Attrition Rate:
13 ● SELECT round(sum(CASE WHEN Attrition = 'Yes' THEN 1 ELSE 0 END) * 100 / COUNT(*),2) AS "Attrition Rate %"
14 FROM `HR dataset`;
15
16 # Active Employee:
17 ● SELECT COUNT(*) AS "Active Employee Count"
18 FROM `HR dataset`
19 WHERE Attrition = 'No';
--
```

```
21      # Average Age:
22      ● SELECT round(AVG(Age)) AS "Average Age"
23      FROM `HR dataset`;
24
25      # Department wise Attrition:
26      ● SELECT Department, Attrition, COUNT(*) AS "Employee Count"
27      FROM `HR dataset`
28      WHERE Attrition = 'Yes'
29      GROUP BY Department, Attrition
30      ORDER BY Department, Attrition;
31
32      # Education Field wise Attrition:
33      ● SELECT `Education Field`, COUNT(*) AS "Employee Count"
34      FROM `HR dataset`
35      WHERE Attrition = 'Yes'
36      GROUP BY `Education Field`
37      ORDER BY `Education Field`;
```

39 # No of Employee by Age Group :

40 ● SELECT

41 `CF\_age band`,

42 Gender,

43 COUNT(\*) AS "Employee Count"

44 FROM `HR dataset`

45 GROUP BY `CF\_age band`, Gender

46 ORDER BY `CF\_age band`, Gender;

47

48 # Attrition Rate by Gender for different Age Group:

49 ● SELECT

50 `CF\_age band`,

51 Gender,

52 COUNT(CASE WHEN Attrition = 'Yes' THEN 1 ELSE NULL END) AS "Attrition Count"

53 FROM `HR dataset`

54 GROUP BY `CF\_age band`, Gender

55 ORDER BY `CF\_age band`, Gender;

```
57      # Job Satisfaction Rating:
58  ●    SELECT
59          `Job Role`,
60          `Job Satisfaction`,
61          COUNT(*) AS "Employee Count"
62      FROM `HR dataset`
63      GROUP BY `Job Role`, `Job Satisfaction`
64      ORDER BY `Job Role`, `Job Satisfaction`;
65
66      # Column Rename :
67  ●    alter table `HR dataset`
68      rename column i»¿Attrition to Attrition;
69
70
71
```





