A screenshot of a computer

AI-generated content may be incorrect.

CREATE TABLE hrdata (

emp\_no BIGINT PRIMARY KEY,

gender VARCHAR(50) NOT NULL,

marital\_status VARCHAR(50),

age\_band VARCHAR(50),

age SMALLINT,

department VARCHAR(50),

education VARCHAR(50),

education\_field VARCHAR(50),

job\_role VARCHAR(50),

business\_travel VARCHAR(50),

employee\_count SMALLINT,

attrition VARCHAR(50),

attrition\_label VARCHAR(50),

job\_satisfaction SMALLINT,

active\_employee SMALLINT

);

select \* from hrdata;

select sum(employee\_count) from hrdata;

select sum(employee\_count) from hrdata where education = 'High School'

select sum(employee\_count) from hrdata where education = 'Master''s Degree';

select count(attrition) from hrdata where attrition = 'Yes'; -- 237

select count(attrition) from hrdata where attrition = 'Yes' and education = 'Doctoral Degree';

select count(attrition) from hrdata where attrition = 'Yes' and department = 'R&D';

select count(attrition) from hrdata where attrition = 'Yes' and department = 'R&D' and education\_field = 'Medical';

select round(100.0 \* (select count(attrition) from hrdata where attrition = 'Yes') / sum(employee\_count),2) as attrition\_rate from hrdata; -- 16.12

select round(100.0 \* (select count(attrition) from hrdata where attrition = 'Yes' and department = 'Sales' ) /

sum(employee\_count),2) from hrdata where department = 'Sales' -- 20.63

select sum(employee\_count) - (select count(attrition) from hrdata where attrition = 'Yes') as Active\_Employee

from hrdata;

select round(avg(age)) as Avg\_Age from hrdata; -- 37

-- attrition by gender

select gender, count(attrition) from hrdata where attrition = 'Yes'

group by gender

"gender" "count"

"Female" 87

"Male" 150

select gender, count(attrition) from hrdata where attrition = 'Yes'

group by gender

order by count(attrition) desc;

select gender, count(attrition) from hrdata where attrition = 'Yes' and education = 'Doctoral Degree'

group by gender

order by count(attrition) desc;

select department, count(attrition) from hrdata where attrition = 'Yes'

group by department

order by count(attrition) desc;

select age, sum(employee\_count) from hrdata

group by age

order by age