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select * from hr..employees;

-- find the sum of total employee --

select SUM([Employee Count]) total_employee from hr..employees;

-- Total Attrition --

select sum(Attrition) total_attrition from hr..employees;

-- find the attrition rate --

select sum([Employee Count]) / sum(Attrition) attrition_rate from hr..employees;

-- Total no of active employee --

select sum([Employee Count]) - sum(Attrition) active_employee from hr..employees;

-- Find the average age --

select avg(Age) average_age from hr..employees;

-- Find the attrition count by department --

Select Department, sum(Attrition) attrition_count from hr..employees group by
Department;

-- Job role by rate by total employee --

select [Job Role] , sum([Employee Count]) Total_employee from hr..employees group by
[Job Role] Order by Total_employee asc;

--Total employee by Education --

select [Education Field] , sum([Employee Count]) total_employee from hr..employees
group by [Education Field] order by total_employee desc;

-- Total employee by Age group --

select [CF_age band], sum([Employee Count]) total_employee from hr..employees group
by [CF_age band];

-- Job role by month income by gender --

select [Job Role], [Gender] , SUM([Monthly Income]) monthly_income from hr..employees
GROUP BY [Job Role], [Gender] order by monthly_income asc;

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