

## SQL INTERVIEW QUESTIONS & ANSWERS.

**select** \* from employee;

**select** \* from student;

**select** \* from employee **where** job\_title ="mca";

**select** \* from employee **where** hire\_date ="2023-03-29";

**select** \* from employee **where** salary ="1000";

**select** \* from employee **where** job\_title ="software";

**select** count(\*) from employee;

**select** max(salary) from employee;

**select** min(salary) from employee;

**select** avg(salary) from employee;

**select** \* from Employee **order by** salary DESC;

**select** \* from Employee **order by** salary ASC;

**select** \* from employee **where** salary =(select min(salary) from employee);

**select** \* from employee **where** salary =(select max(salary) from employee);

**select** \* from employee **where** first\_name like 'k%';

**select** \* from employee **where** first\_name like '%i';

**select** distinct salary from employee **order By** salary desc limit 1 offset 1;

**select** salary from employee **order by** salary desc limit 0,1;

**select** salary from employee **order by** salary desc limit 1,1;

**select** salary from employee **order by** salary desc limit 2,1;

**select** salary from employee **order by** salary asc limit 0,1;

**select** max(salary) from employee **where** salary <(select max(salary) from employee);

**SELECT** \* from employee **order by** idEmployee asc limit 2) **UNION** (SELECT \* from employee **order by** idEmployee desc limit 2);

**select** first\_name, Last\_name from employee;

**select** distinct first\_name from employee;

**select** \* from employee **Order by** first\_name desc;

**select** \* from employee **Order by** first\_name asc;

**select** count(\*) from employee;

**select** sum(salary) from employee;

**select** min(salary) from employee;

**select** max(salary) from employee;

**select** avg(salary) from employee;

**select** salary from employee **order by** salary desc limit 0,1;

**select** salary from employee **order by** salary desc limit 1,1;

**select** salary from employee **order by** salary desc limit 2,1;

**select** salary from employee **order by** salary desc limit 3,1;

**SELECT** \* FROM ravidb.employee;

**select** \* from employee **where** hire\_date **between** '2021-04-22' and '2023-03-29';

**select** year(hire\_date) from employee;

//INNER JOIN

**SELECT** employees.employee\_name, departments.department\_name

**FROM** employees

**INNER JOIN** departments **ON** employees.department\_id =  
departments.department\_id;

// LEFT JOIN

**SELECT** employees.employee\_name, departments.department\_name

**FROM** employees

**LEFT JOIN** departments **ON** employees.department\_id =  
departments.department\_id;

// RIGHT JOIN

**SELECT** employees.employee\_name, departments.department\_name

**FROM** employees

**RIGHT JOIN** departments **ON** employees.department\_id =  
departments.department\_id;

//FULL JOIN or UNION

**SELECT** employees.employee\_name, departments.department\_name

**FROM** employees

**FULL JOIN** departments **ON** employees.department\_id =  
departments.department\_id;

// SELF JOIN or LEFT JOIN

```
SELECT e1.employee_name AS employee_name, e2.employee_name AS  
manager_name
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```
FROM employees e1
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LEFT JOIN employees e2 ON e1.manager_id = e2.employee_id;
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