

count & order by

employees

customers

count

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-- number of records in customers table

select count(*) from customers;

-- number of customers from CA

select count(*) from customers where customer_state = 'CA'

select count(1) from customers where customer_state = 'CA'

-- get number of employees who have salary > 50000

select count(*) from employees where salary > 50000;

-- get count of employees who report to a manager

select count(manager_id) from employees;

-- get count of employees who are not managers and their salary is more than 50000

select count(manager_id) from employees where salary > 50000;

count(*)

count(1)

count()

Order By

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select * from employees order by salary;

select * from employees order by salary desc limit 5;

select * from employees order by salary desc, department_id limit 5;

-- its not necessary to have the order by column as part of the select

select employee_id, first_name, last_name

from employees

order by salary desc;

-- we can order by based on any derived column

select *, salary + salary * .1 as revised_salary

from employees

order by revised_salary desc;

select * from employees

order by salary + salary * .1 desc;