SQL Learning



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**Functions in SQL :**

**Aggregate function**

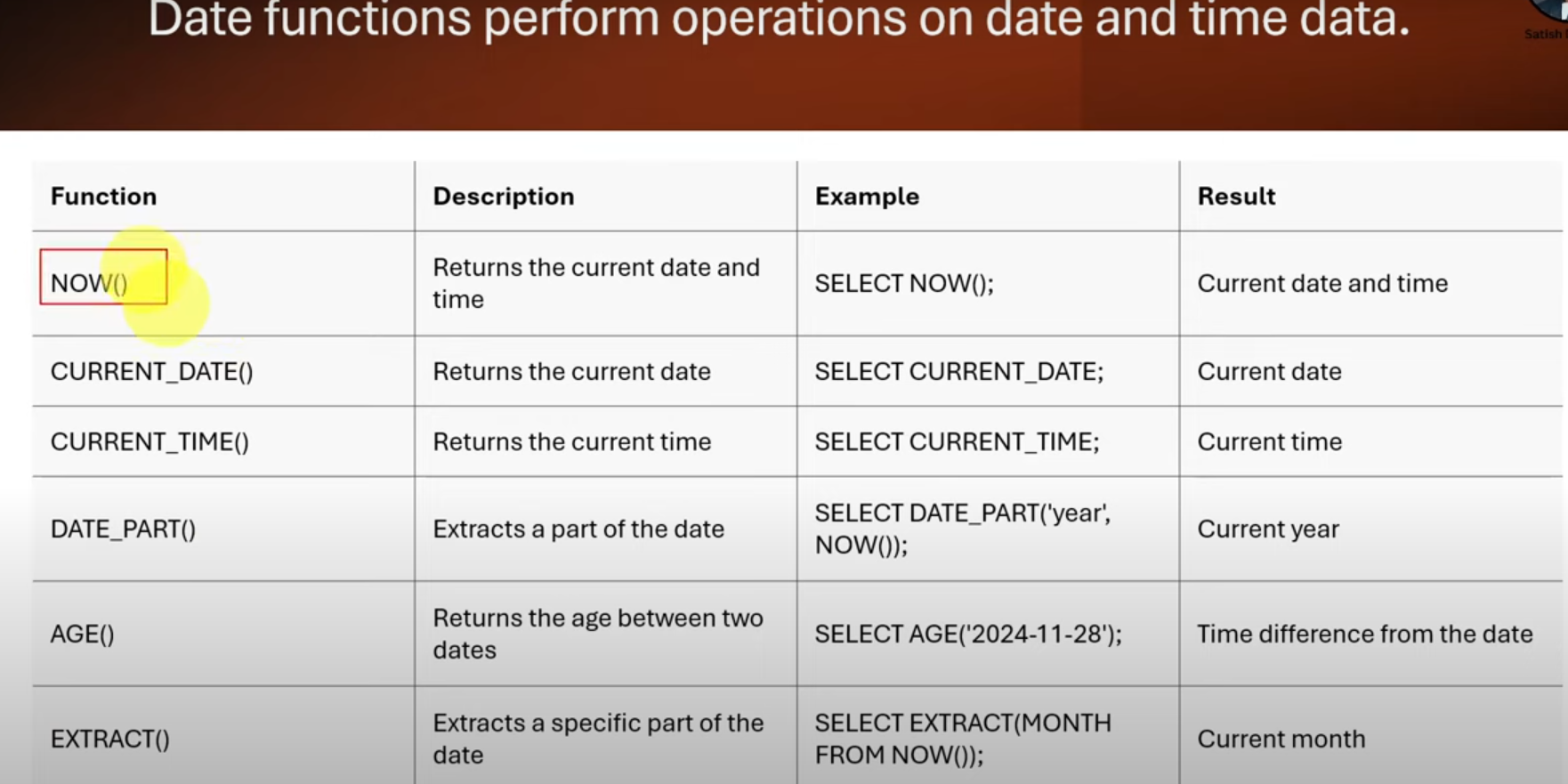
**String function**

**Date and Time Functions**

**Mathematical function**

**Conditional function**

**Window / Analytical function**



---date time fucntions -----

----now()- get current date and time---

select now() as current\_date;

--current date --- get current date

select current\_date as to\_date;

select added\_date,current\_date,(current\_date-added\_date) as days\_diff

from products;

--- extract- extratc parts of date-- teh year,month,day from the adde\_date column---

select product\_name,

extract(year from added\_date) as year\_addde,

extract(month from added\_date) as month\_addde,

extract(day from added\_date) as day\_addde

from products;

-----age() calculate age between dates

--calculate teh time differences between added\_date and today's date

select product\_name,

age(current\_date, added\_date) as age\_since\_Added

from products;

-----to\_char()-format dates as strings

---format added\_date in a custom format(DD-MM-YYYY)

select product\_name,

to\_char(added\_date, 'DD-MM-YYYY') as age\_since\_Added

from products;

select product\_name,

to\_char(added\_date, 'YYYY') as age\_since\_Added

from products;