SQL Learning



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**Functions in SQL :**

**Aggregate function**

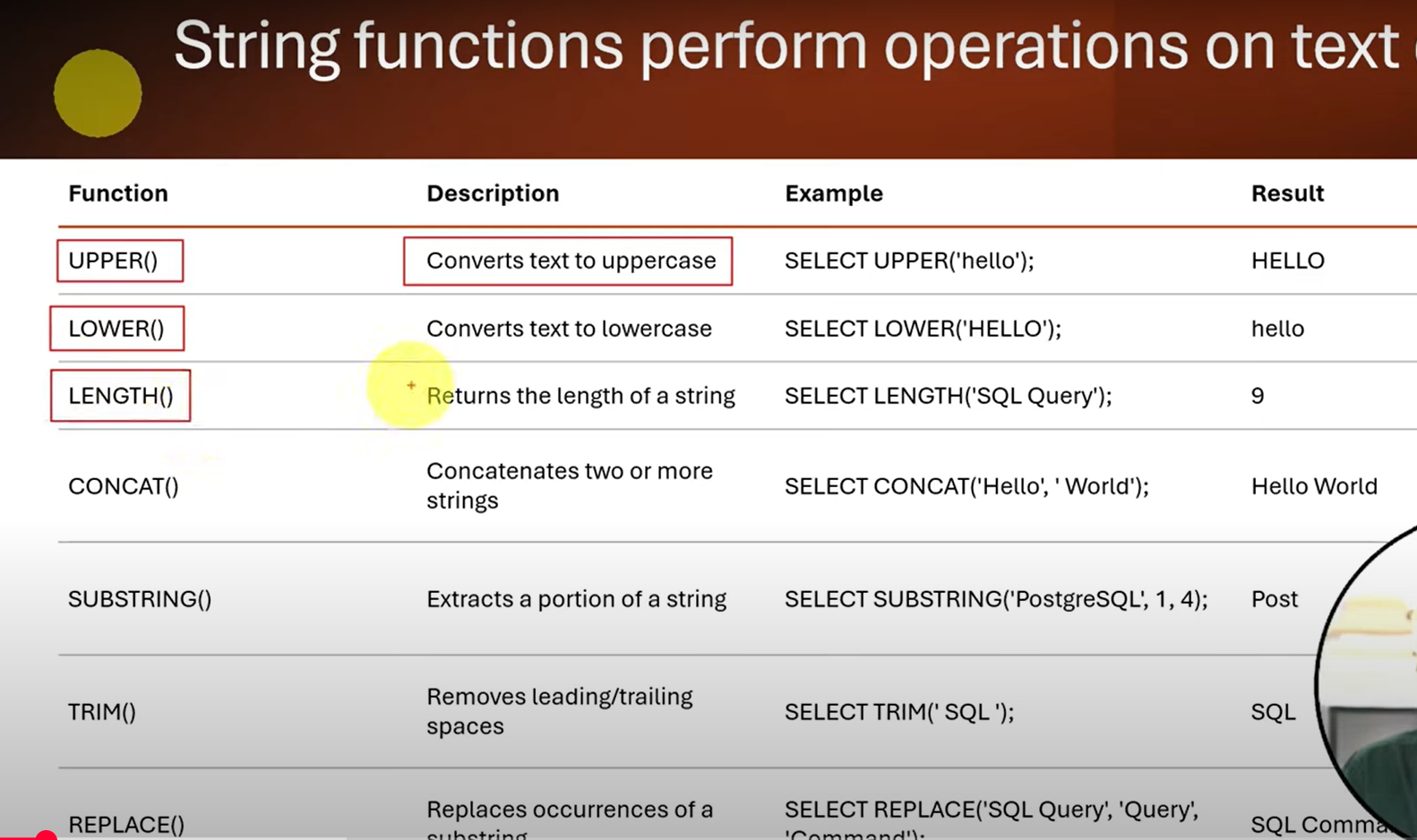
**String function**

**Date and Time Functions**

**Mathematical function**

**Conditional function**

**Window / Analytical function**



---get all category in upper case----

select upper(category) as category\_upper

from products;

--concat function(product name and category)----

select concat(product\_name,'-',category) as product\_details

from products;

---substring - extarct first 5 char----

select substring(product\_name,1,5) as short\_name --1 starting, 5 until 5 char--to extract

from products;

---count length----

select product\_name,length(product\_name) as length

from products;

--remove leading and trailing spce from words---

select length(trim(' monitor ')) as trimmed\_text;

select length(' monitor ') as trimmed\_text;

---replace function - replace a word 'phone to device'----

select replace(product\_name, 'phone', 'device') as update\_name

from products;

--get first 3 character from category----

select left(category,3) as half\_name

from products;

select right(category,5) as half\_name

from products;