SQL Learning



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**Functions in SQL :**

**Aggregate function**

**String function**

**Date and Time Functions**

**Mathematical function**

**Conditional function**

**Window / Analytical function**

# **Window Function in SQL**

It perform calculation across a set of table rows related to the current row. They are useful for ranking ,calculating running totals, percentages, and etc.

----window function------

select \* from products;

--assign unique row number to each product within the same category----

select product\_name,category,price,

row\_number() over(partition by category order by price desc) as row\_num

from products;

select product\_name,category,price,

dense\_rank() over(partition by category order by price desc) as row\_num

from products;

---for running total---

select product\_name,category,price,

sum(price) over(order by price desc) as running\_total

from products;

select product\_name,category,price,

sum(price) over(partition by category order by price desc) as running\_total

from products;