CASE Statement:

* Perform conditional logics in queries
* It's similar to an IF-THEN-ELSE
* The CASE statement can be used in two ways: **Simple Case** and **Searched Case**.
* We can create new column based on the certain condition

Window function:

* Perform operation on the set of rows
* Expression: jis column pr aap window function apply krna chahte ho
* Partition by: kis kis column pr partition
* Order by: kis column ke according sort krna h
* Window Function:
* Aggregation function: (sum, avg, count, min, max)
* Ranking Function: (row\_number, dense, dense\_rank, percent\_rank)
* **Row\_number:** continue generate number
* **Dense:** skip the number how much number is repeating
* **Dense\_rank**: not skip the number
* **Percent\_rank**: output generate in the percentage
* Analytics: (lead, lag, first\_value, last\_value)
* **first\_value:** First value of the column
* **Last\_value**: if you are not using partition then as its column rhegi
* **Lead**: next value will be lean and first value will be skip that’s why last data will null
* **Lag:** opposite of lead it will start from the second and first will be null and last will be skip