**Window Functions is SQL**

What are Window Functions?

Window Functions perform calculations across a set of rows (a “window”) related to the current row - without collapsing the rows (unlike GROUP BY).

They are used with the OVER() clause.

SELECT column\_name

Function\_name(expression) **OVER**(**PARTITION BY** column **ORDER BY** column)

FROM table\_name;

| Functions | Purpose |
| --- | --- |
| RANK() | Gives rank (ties get same rank, with gap) |
| DENSE\_RANK() | Like RANK() but no gaps |
| SUM() | Running Total |
| AVG() | Moving Average |