

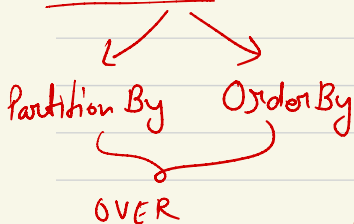

Window functions

Sales data

<u>Sales-date</u>	<u>Shop-id</u>	<u>Sales-amount</u>
14-Feb	S1	200
15-Feb	S1	300
14-Feb	S2	600
15-Feb	S3	500
18-Feb	S1	400
17-Feb	S2	250
20-Feb	S3	300

sum(Sales-amount) over (Partition By Shop-id Order By Sales-amount desc)

Window function



Syntax

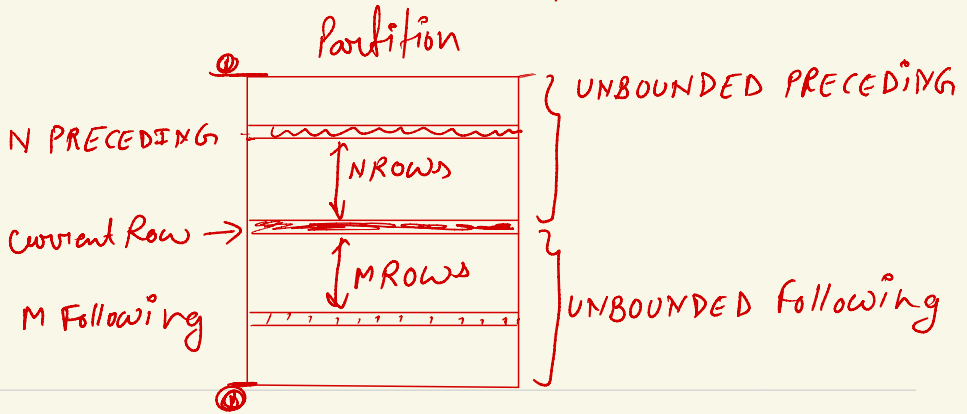
<u>Sales-date</u>	<u>Shop-id</u>	<u>Sales-amount</u>	<u>sum</u>
18-Feb	S1	400	900
15-Feb	S1	300	900
14-Feb	S1	200	900
14-Feb	S2	600	850
17-Feb	S2	250	850
15-Feb	S3	500	800
20-Feb	S3	300	800

agg-function ()
+
Window function () } → over (Partition By Col1, Col2, Col3 Order By (3,4,5))

Frame Clause in Window Functions

- ROWS BETWEEN → (define upper bound & lower bound of Row to be covered)
- RANGE BETWEEN → (define upper & lower range of value for a Column to be covered)

N, M Numbers of Row



Rows Between

Sum(Col1) over (Partition By Col2 Order By Col3 ...

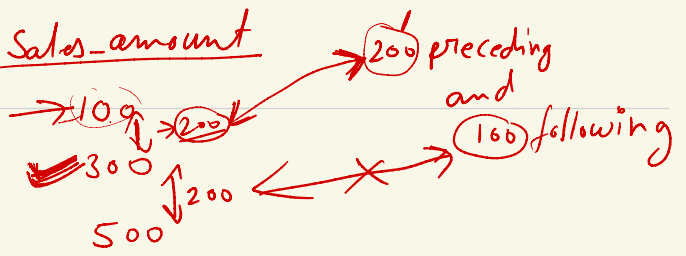
Rows Between N Preceding and m following)

① UNBOUNDED → ○
CURRENT-ROW → ○

Range Between

Sum(c1) over (Partition By Col2 Order By C3 Range Between diff1 preceding and diff2 following)

Sales-amount



660

800