## 891-08 Window functions continued 2 Date and Time functions.

## Recap:

Lag, lead
Window frames
Aggregate
Range & Rows.
Preceding & following
awvient.

## Agenda:

- · Noth value, first e lost.
- · Date 2 time.

First value: It gives the first clement in the countries may be with/without the position.

Lost value: Inverse of first value

1	olept	Sal	
(ww)	A	10	<del>-&gt;</del> 10
now	->A	20	> 20
grow -	- 2	167	₹6
curr	-317 -313	15	<del>&gt;</del> 15
ww.	79	24	<del>-&gt;24.</del>
own _	1 6		
now			

last value (salony)

over (postition by dept

order by soil)

	dept	1 Sal	
wen	A	10	NULL

noth (engloyee, 3)
The null value is

now	~>A	20)	NULL
wor! -	>B	6	NULL
ww.	7 B	24)	B
wow -			

because there are no 3 rows to get the 3rd value.

What is the overall soles each year.

We will first have to extend the year from The date column and then group by year and find the sum (sales)

Convert string to date time.

Extendet: Extendet function is used to extendet different components from the date column. extract (day from date Column)
extract (month from date Column)
: Add time to the date time column: , interval , interval 1 hour) date\_add( market 610vit\_Gatetime doite -add ( market Storit-datetime , interval 1 month) doute -add ( market Storit-datetime , interval 1 day) date-add (market Storit-datetime We can subtract timeperiod by using date-sul date sub (market, interval 1 day)

Stort-datetime

His will remove I day from the

date Column. of session.

or out to the water, in the top

Mik. start time

Jan 1 9:00

Jan 2 11:00

Jon 3 14:00

Range. Sum (sales)

order by date

Jan 2 200 600

Jan 2 200 600