(1)

Window functions

	Table Sching		order-amount	
Order-id	ordu-date	ructames-nome	Couldford	10,000
1001	04/01/2017	David Smith David Jons	Mylon	20000
1002	04/02/2017	John Smith	Shalford	15000
1003	04/03/2017	thichael Smith	Guildford	7000 F
1004	04/04/2017	David Williams	chalford	25000
1005	04/05/2017	Paum Smith	1	12000
1006	04 06 2017	Andrew South	Arlington Artington	2000
1007	04/11/2017	David Brown	shalford	1000
8001	04/20/2017	Robert Smith	Guildford	50
1010	04/25/2017	Peter Smith		

SUTILIT! We want the sum of order-amount as percity.

	SUTAL): We want the son o	Windows ardivedate, custo
	Normal Wastelal.	, SELECT order-10, order-amounts
	SELECT city, SUML Drdu-omount) as total. SELECT city, SUML Drdu-omount BY city	1 cum lordy-amount) OVER (
	SELECT city, SUM Costar abo Group BY city	Sum (order-amount) PARTITION BY City) as grand-total
	1-1-1- Order - Omount	LEOLU GBO
	37/100.00	I ill rature is displayed
х.	Ar lington 50500.00	as a new column
Out Par	Guildford 13000.00	grand-total.
-/	Shalford	0

RANKL

SELECT order-id, order-dak, customer-nome, city,

SELECT order-id, order-dak, customer-nome, city,

RANK() OVER (ORDER BT order-amount DESC) as RANK

RANK

PROM 450

3
5

KVVIX

3

SELECT order-id, order-date, customer-name, city, order-amounts
DENSE-RANK() OVER CORDERBY order-amount DESC)

as RANK from abo.

ROW_ NUBER () with order BY

SELECT Order-id, order-date, customer-name, city, order-amount,

ROW-NUMBER() OVER (ORDER BY Order-ld) as how-rumber

FROM dbo.

ROW-NUMBER () with PARTITEON BY

SELECT Order-id, order-date, Customer-name, City, order-amount,

ROW-NUMBER () OVER (PARTITEON BY City ORDER BY

Order-amount

DESC)

city	order-ant	cow-nuber
Delington	20000	" and a series of
arligton	15000	2 - 4 4 4
Allyton	2000	3
guild ford	\$2000	
guildford	- 15000	2
guilo		Harry

NITILE () -> divides the deterbase in quartiles . 81, 82, 83, 84

SELECT *, NITILE (4) OVER (ORDER BY order-amount)

as how-number from do

SELECT order-id, customer-name, city, order-amount, order-date, -. in below line, 1 indicates check for previous now of the current how LAG(orden-date,1) over (orden By orden-date)aiprev-orden-date from also

Calleding data of power hows (dates) in next how (forer docter dates))

Lead is just apposite of LAG. It helps accorded data of neut low in the prev how.

Select order-id, customer name, city, order-amount, order-dak, -- In below line, I indicates check for nent now of the current how LEAD (order-dak, 1) OvER (order by order-date), nent-order-date from abo.

FIRET VALUE () and LAST VALUE()

orden-id, orden-date, customer-name, city, orden-amount, FIRST - VALUE lorder date) OVER (Partition By City Order By City) as firstorder date, OVER (Partition By Uty order by Uty) as LAST_VALUE (Order-date) lost order date from abo.

AVGC

select order-id, order-date, customer. name, city, order-amount, AVG(order-amount) over (Partition By city, Month (order date)) as arenge order amount from abo.

select order-id, order-date, customer- name, city, order-amount , Min (order-amount) over (partition By city) as minimum order amount

() Thuo) Max ()

take in all the dufficate values present in the tables. Hence window function does not buy resolve problem of duplicates.