

Course Code: CSL603	Course Name: DWM LAB
Class: TE-CO	Batch: 3
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Experiment:03

Aim: Draw OLAP operations for the given case study.

Output:

Ч	The state of the s
0	Consider a Data Warchouse for a hospital where there are three climension (a) Doctor (b) Patient (c) Time And two meas wes i) count ii) charge where charge is the see that the cloctor charges a patient jor avisit using the above example describe the hollowing OLAP openations.
	where there are three climension
Malarana and an angel and a second	(a) Doctor (b) Patient (c) Time
	And two meas wies i) count ii) chase
	where charge is the kee that the
	cloctor charges a patient in anico
	Using the above example describe
Secretaria de Constitución de	the following OLAP operations. 1) Stice 2) Sice 3) Rollup 4) Drilldown
	056ice 2) Sice 3) Rollup un Daildon
	5) Pivot

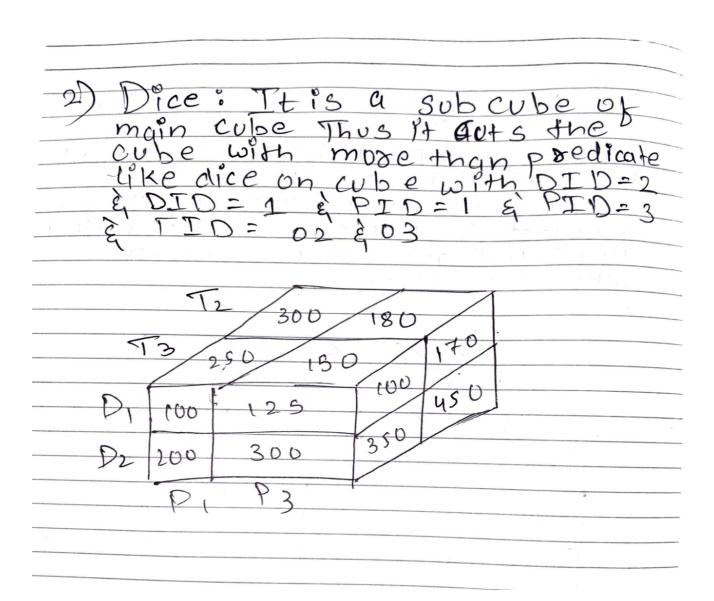


> Dimention Table:
1) Doctor (DID, name, mob, acld, specialication
2) Patient (PID, name, mob, add)
3) Time (TID, clay, month, quarter, year)
Fact Table:
fact_table (DID, PID, TID, Count, charge)
72 300 280 180 100
13 250 240 150 150
D1 100 130 125 100 450 206
D3 180 530 280 100 180 100
P ₁ P ₂ P ₃



Openations:
Slice on fact table with DID=1 this acts the cube at DID=2 along the time & Patient axis it will display area of cube in which time on x & patient on y axis
T2 300 280 180 T3 250 240 180 200 P2 200 0 300 350 450





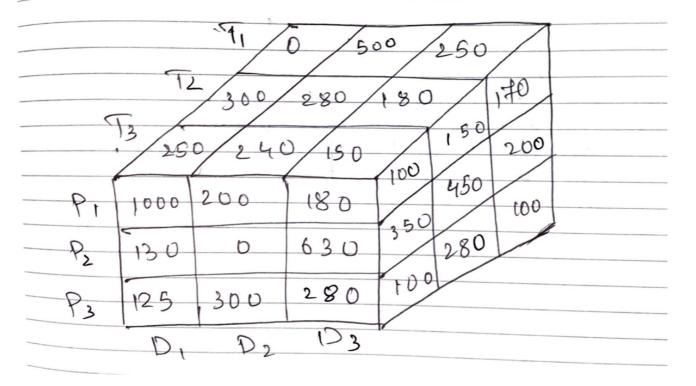


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Roll up: It gives summary based on concept hierarch; or Assuming there exists concept hierarchy in patient table as state -> city -> Location.

The roll up will summarize the changes or count in terms of city or further roll up will give charges for a particular state etc.





4) D 3V 5V	Sill P nat m m m w e w	own neans nised	of the	s opposite to rooll up surently cube is also show detailed
		TI	0/20	00/250/
	72/	100	150/	75 70
T:	250	24		20 6 50
2"	50	50	50	
1212	25	50	25	2 2 2 2
D13	25	30	25	5 u5 50 35 180 50
D21	200	0	300	20,00
D31	200	350	200	0
D32	80	180	80	
	P	PL	<u> </u>	



B) Pivot: It sotates the cuhe sub cube or solled up or drilled down cube, thus changing the view of the cube.						
3/125/300/280/						
P. 130 6 630 170 P. 100 200 180 130 200						
500 350 100 100						
72 300 280 180 530 280						
T3 230 240 150						
P, P, 1° 3						