Consider a Data Warchouse for a hospitul where there are three climension (a) Doctor (b) Patient (c) Time And two meas wes where charge is the fee that the cloctor charges a patient jor avisit Using the above example describe the following OLAP operations. 1) Stice 2) Sice 3) Rollup 4) Drill down 5) Pivot > Dimention Table: 1) Doctor (DID, name, mob, acld, specialication 2) Patient (PID, name, mob, add) 3) Time (TID, clay, month, quanter, year) Fact Table: fact_table (DID, PID, TID, Count, charge 500 550 180 280 170 240 150 100 450/206 100. 125 130 DI 1.00 180 100 200 300 Do 280 530 180

Operations: D'SLice: Blice 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

Dice: It is a subcube of main cube Thus it auts the cube with more than predicate like dice on cube with DID=2 & DID=1 & PID=3 100

concept hierwich or Assuming there exists concept hierarchy in patient table as state -> city -> Location. The roll up will summarize or count in terms of city or further soll up will give changes for a particular state etc.

Drill Down. It is opposite to rooll up that means if convently cube is summarised with also show detailed view. .50 \mathcal{D}^{U} D13 00) D21 V32

cube or solled up or drilled down cube, thus changing the view of the cube. 35 U