**SLICE:**

SELECT time\_id, day\_of\_week FROM DateDim WHERE day\_Of\_week = "Saturday";

**Roll Up:**

SELECT SD.store\_id, SD.store\_name, SD.region, SUM(S.revenue) AS total\_revenue

FROM Sales S

JOIN StoreDim SD ON S.store\_id = SD.store\_id

GROUP BY SD.store\_id, SD.store\_name, SD.region

ORDER BY SD.region, SD.store\_name;

**Drill Down:**

SELECT \*

FROM ProductDim

WHERE manufacturer = 'Ayush Gupta';

**Dice:**

SELECT S.\*, P.category

FROM Sales S

JOIN ProductDim P ON S.product\_id = P.product\_id

JOIN DateDim D ON S.date\_id = D.time\_id

WHERE D.date = '2023-10-15' AND P.category = 'Clothing';

**Pivot:**

SELECT PD.category, SUM(S.quantity\_sold) AS total\_quantity\_sold, SUM(S.revenue) AS total\_revenue

FROM Sales S

JOIN ProductDim PD ON S.product\_id = PD.product\_id

JOIN DateDim DD ON S.date\_id = DD.time\_id

WHERE DD.date = '2023-10-15'

GROUP BY PD.category;