

Analyst project

DS

DA



Rythm 100%

• Python 50%

✓SQL 50%

✓SQL 100%

stats 100%

stats 100%

✓ML 100%

• ML 50%

DL 100%

✓PowerBI 100%

PowerBI 50%

✓Excel 100%

Excel 50%

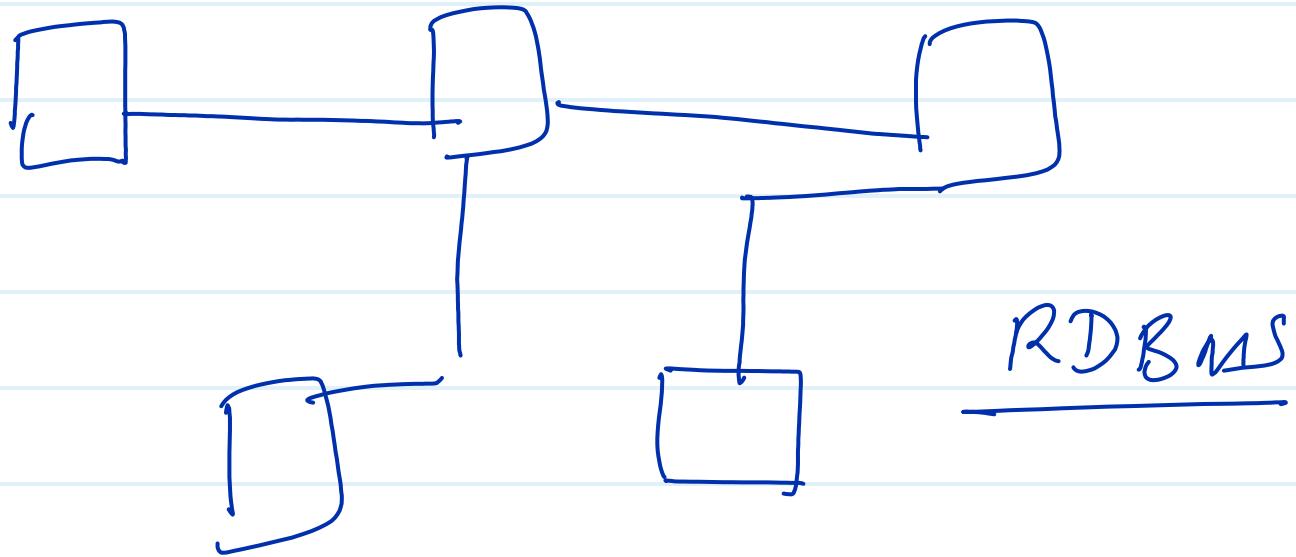
5-table

- 1) Contract table
- 2) Facility table
- 3) manufacturer table
- 4) Production table
- 5) Supplier table

Carburetor

Stage - I

- ✓ 1) database
- ✓ 2) Table
- ✓ 3) Data dump into table
- 4) single table validate
- 5) single table type modification



name
anit_

_Rahul

stage - II

1) key constraint add.

PK	<u>manTab¹</u>
man.ID	
1	
2	
3	
4	

facility

PK	FIC			
fID	MD	-	-	-
1	1			
2	1			
3	2			
4	3			

view

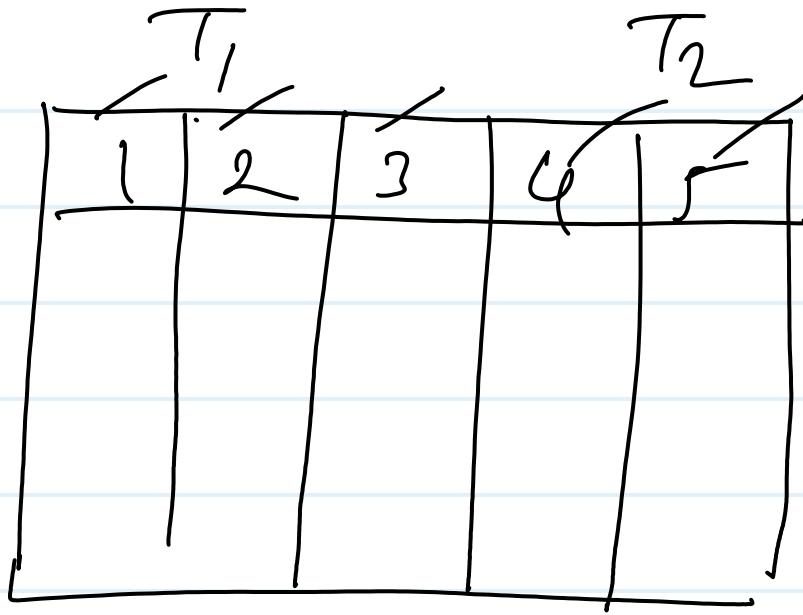
T_1

1	2	3	4	5	6	7

T_2

1	2	3	4	5

Create view V_1 as select 1,2,3,6,7,4,5
 from T_1 join T_2 on $T_1.1 = T_2.1$



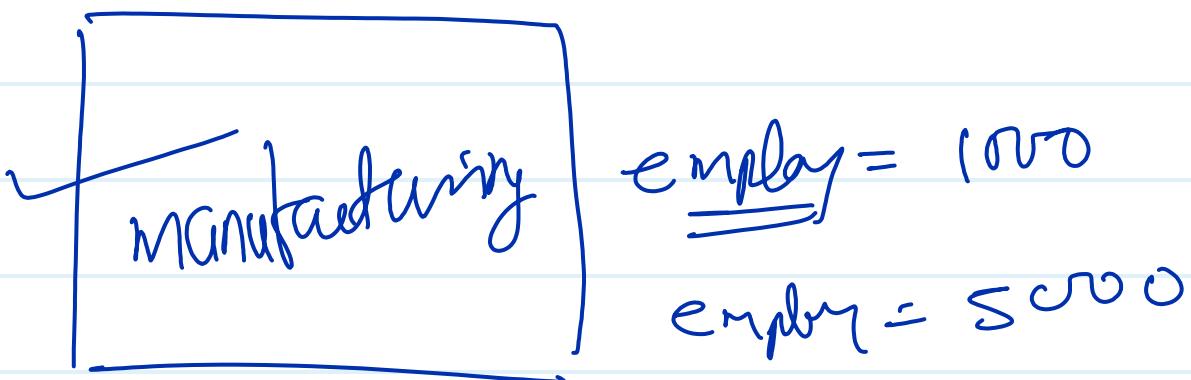
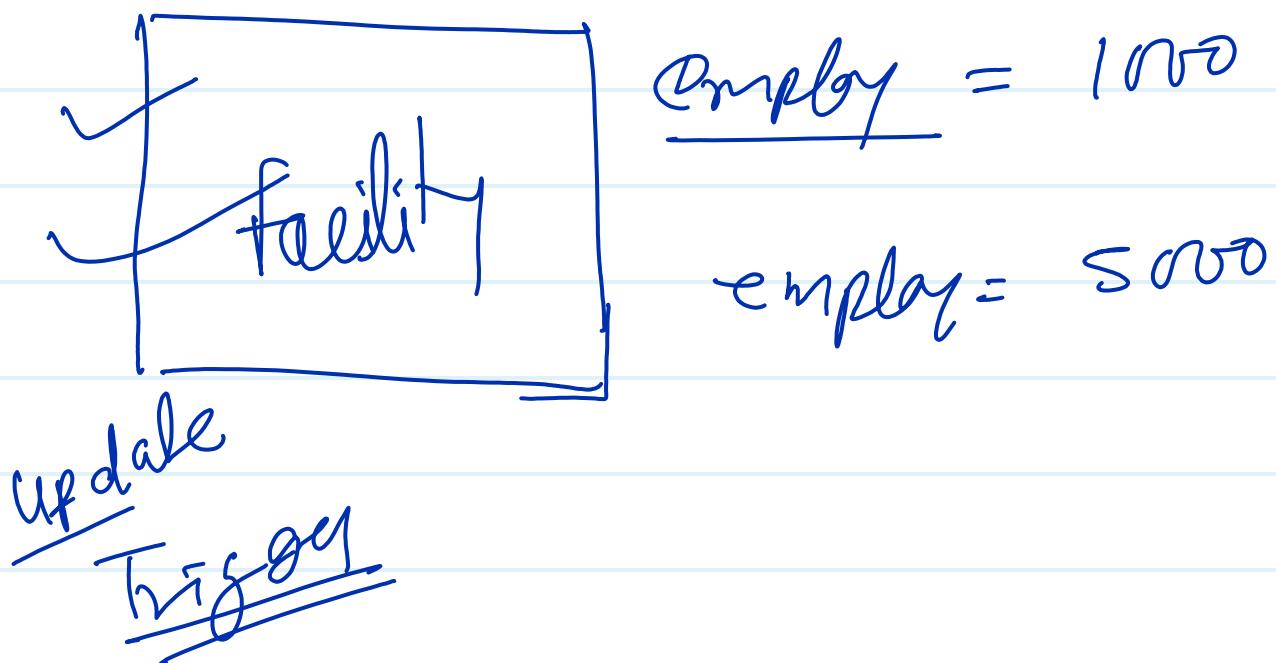
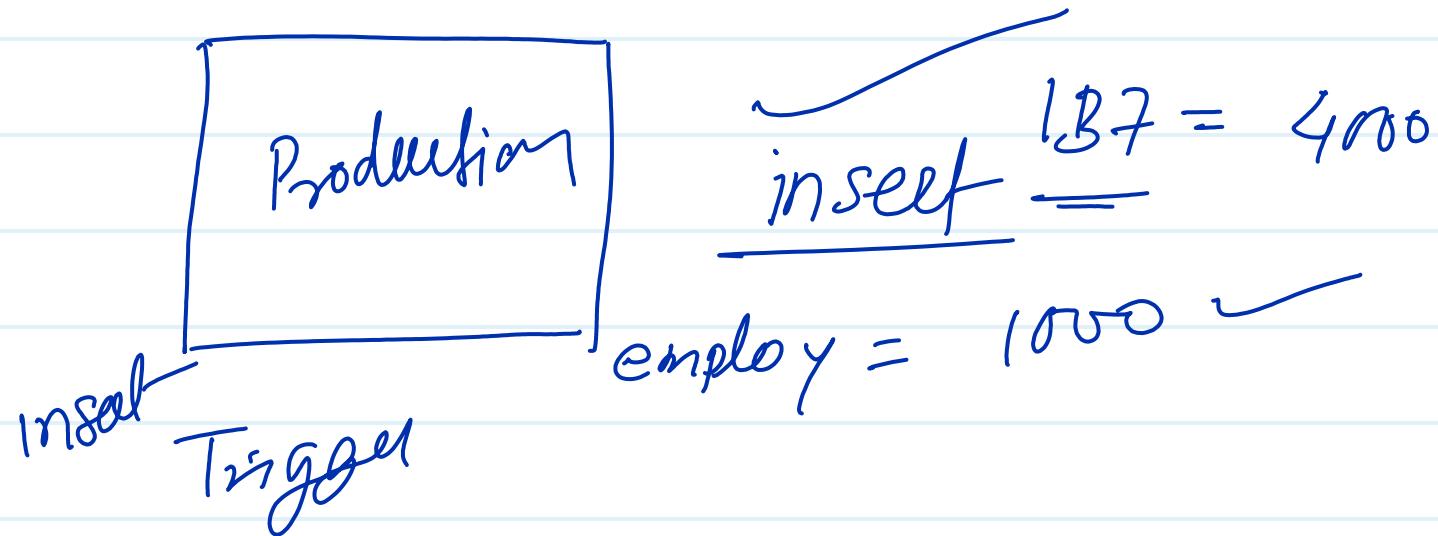
→ access

x_1	x_2	x_3	x_4
1	A	I	
2	B	II	
3	C	III	
5	D	IV	

— Trigger: → insert
 ← delete

old	new	(CR)
4	5	R ₀₄ +4

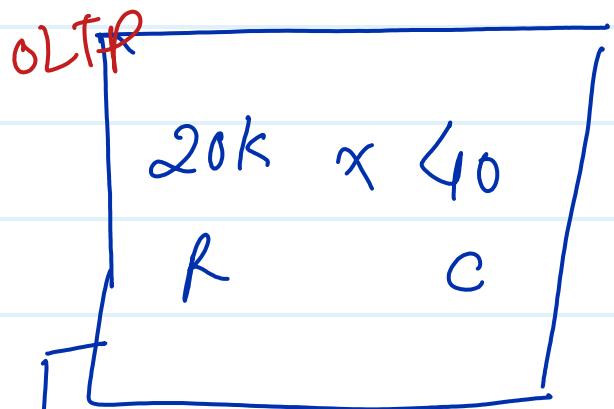
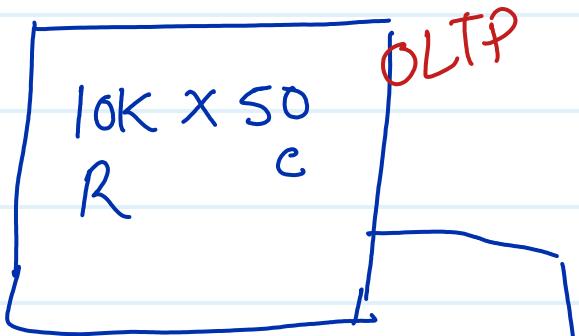
used	x_1	x_2	x_3	x_4
R1	4	D	IV	-



✓ Company - C₁

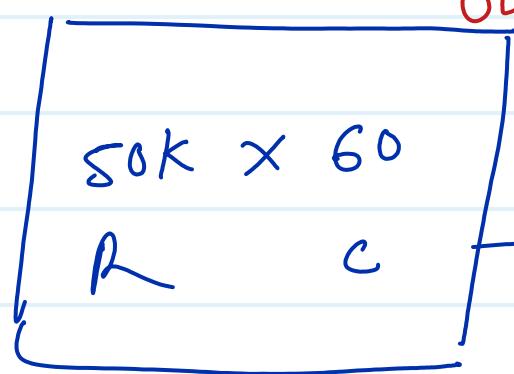
Filter

Company - C₂



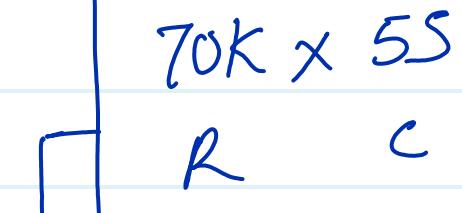
✓ Company - C₃

OLTP



Company - C₄ ✓

OLTP



Analysis

Final

Diagram showing a 4x4 grid representing an OLAP cube. The columns are labeled "F1d", "Filter Type", "Date", and "Qty". The first three columns have a red label "OLTP" above them, and the fourth column has a red label "OLAP" above it. Arrows point from each of the four OLTP boxes up to their respective columns in the grid. A blue arrow points from the "Final" text to the bottom-left corner of the grid.

F1d	Filter Type	Date	Qty
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

OLTP

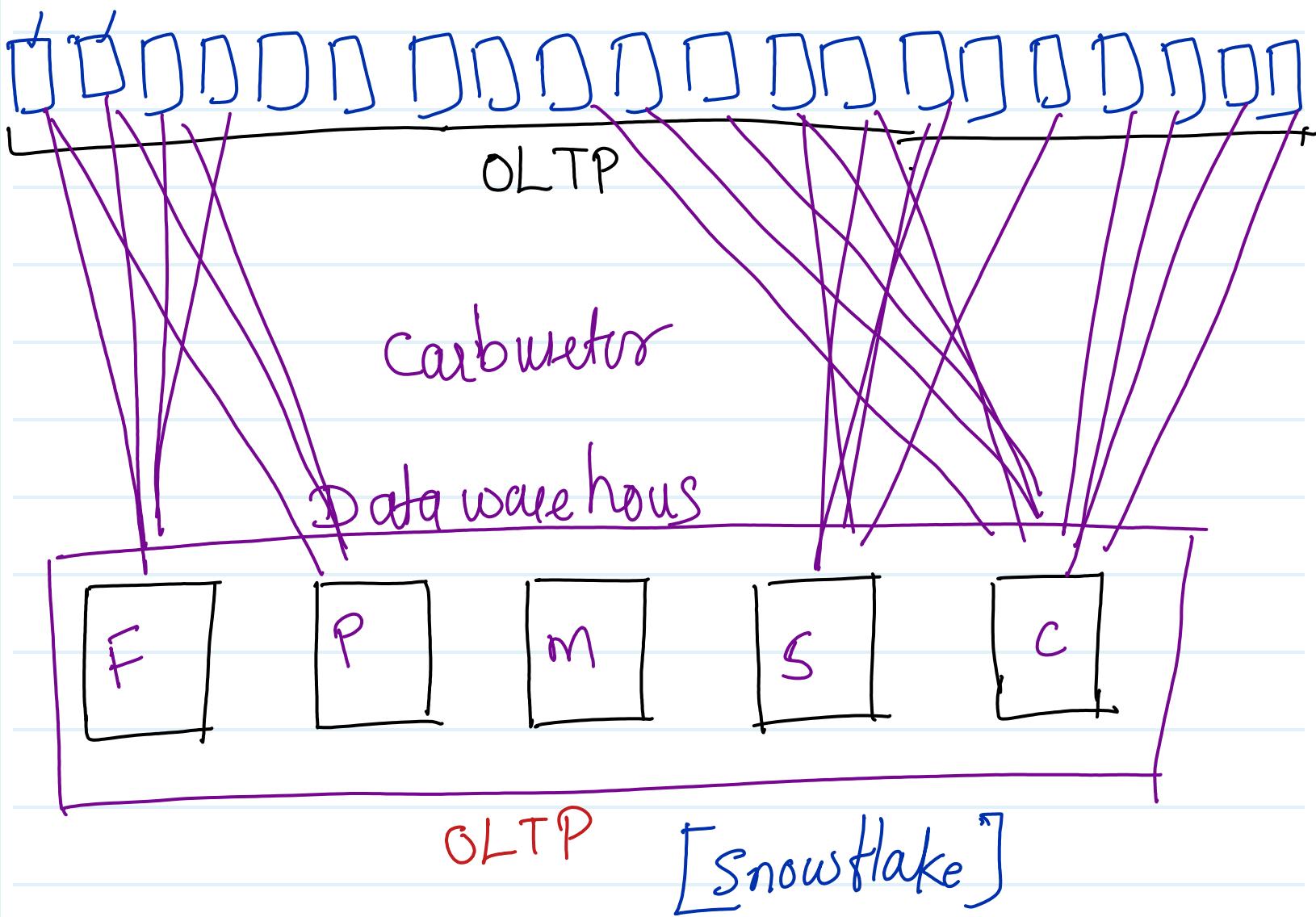
OLAP

online Transaction
process

online Analysis
process

Project flow

20 manufacture - Data (ERP)



- ① validate
- ② clean
- ③ Transformations
- ④ Schema
- ⑤ EDA
- ⑥ Triggers

SQL



ERP / Database | File system

Snowflake [Data warehouse]

↓
Schema

(visualization Tool) / BI Tool

Power BI	Tableau	Excel
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visualization Report

