

Analyst project

1

DS



Python 100%

✓ SQL 50%

Stats 100%

✓ ML 100%

DL 100%

PowerBI 50%

Excel 50%

DA

• Python 50%

✓ SQL 100%

Stats 100%

• ML 50%

✓ PowerBI 100%

✓ Excel 100%

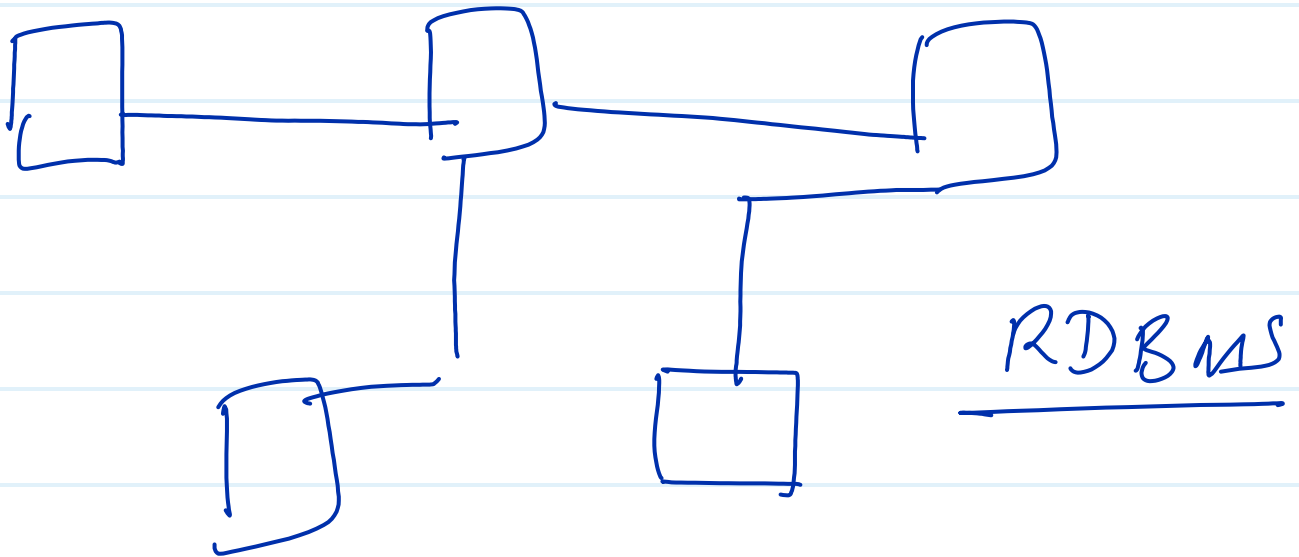
5-table

- 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
amit —

— Rahul

stage - II

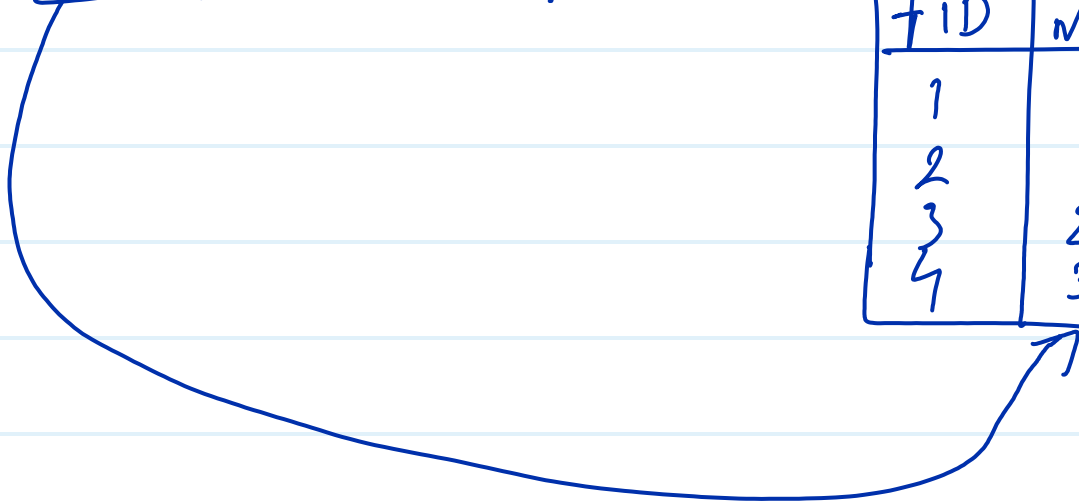
1) key constraint add.

PK manTabl

man.ID		
1		
2		
3		
4		

facility

PK	FK		
fID	mID	-	-
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 as select 1,2,3,6,4,5
 from T_1 join T_2 on $T_1.1 \neq T_2.1$

T_1		T_2		
1	2	3	4	5

x_1	x_2	x_3	x_4
1	A	I	
2	B	I	
3	C	I	
4	D	I	

→ access
 — Trigger → insert
 ← delete

old	new	user
4	5	Rant4

user	x_1	x_2	x_3	x_4
R1	4	D	IV	—

Production

Insert
Trigger

insert 137 = 4000

employ = 1000 ✓

✓
✓
facility

employ = 1000

employ = 5000

update
Trigger

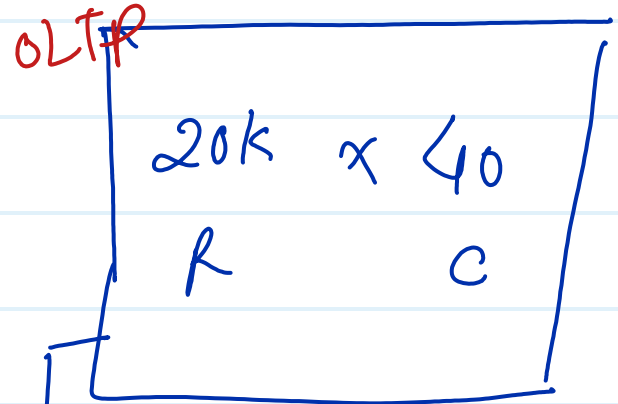
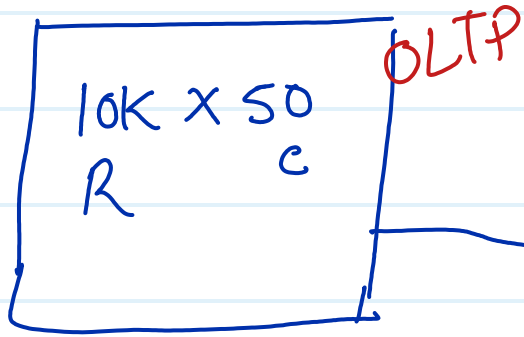
✓
manufacturing

employ = 1000

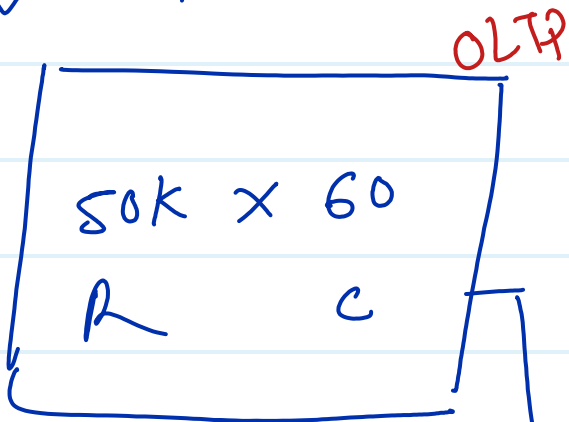
employ = 5000

✓ Company C1 Filter

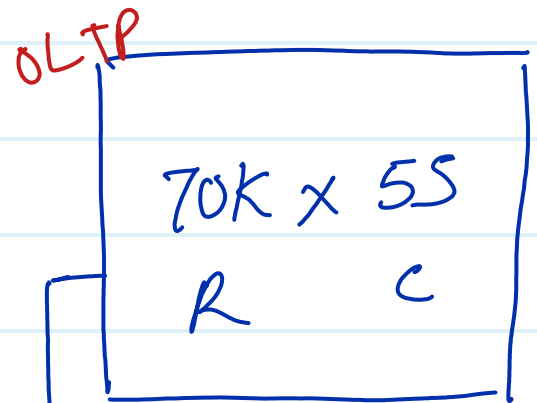
Company - C2 ✓



✓ Company - C3



Company - C4 ✓



Analysis

Final



OLAP

Fid	Filter Type	Date	Qty
-	-	-	-
-	-	-	-
-	-	-	-

OLTP

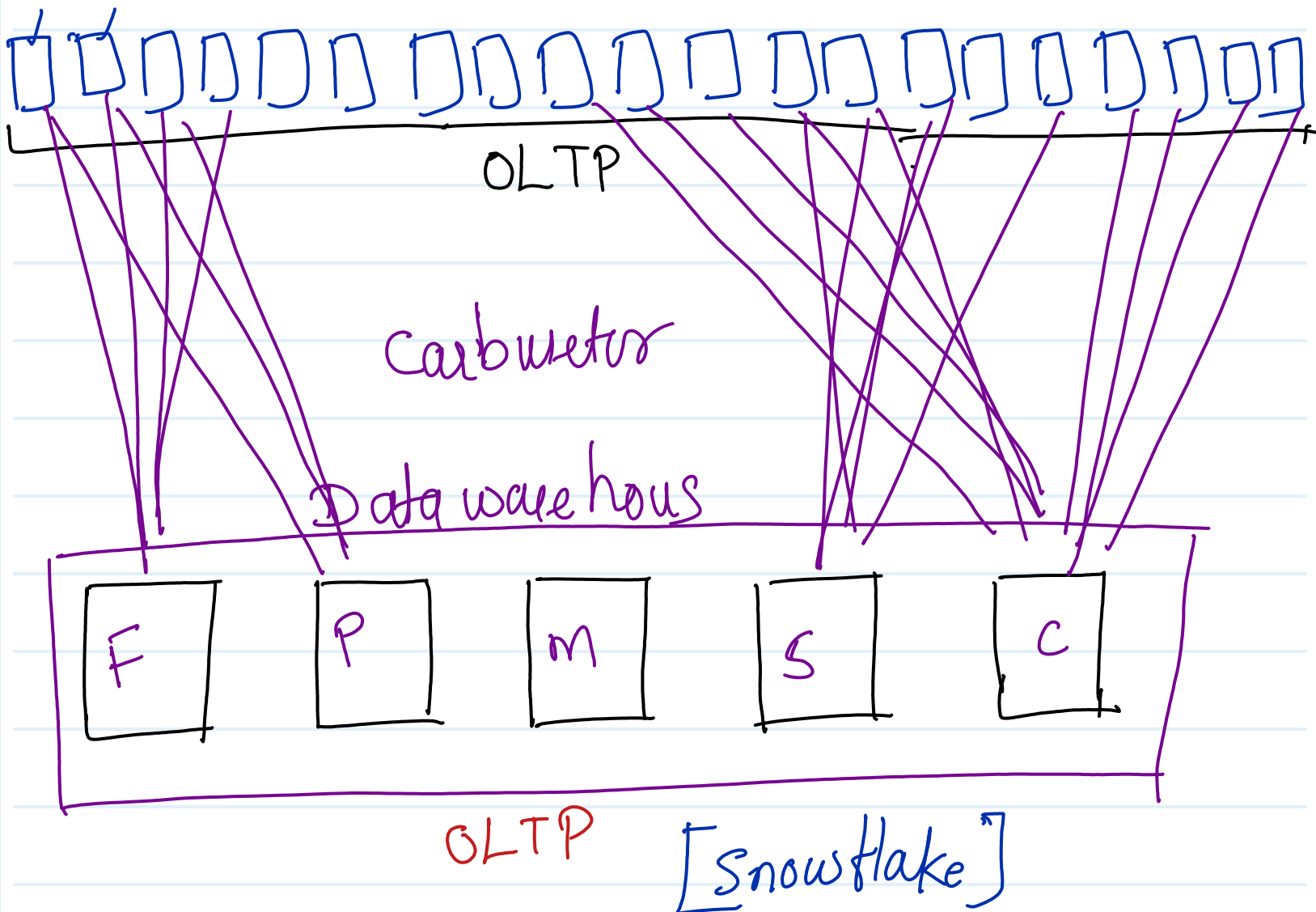
OLAP

online Transaction
process

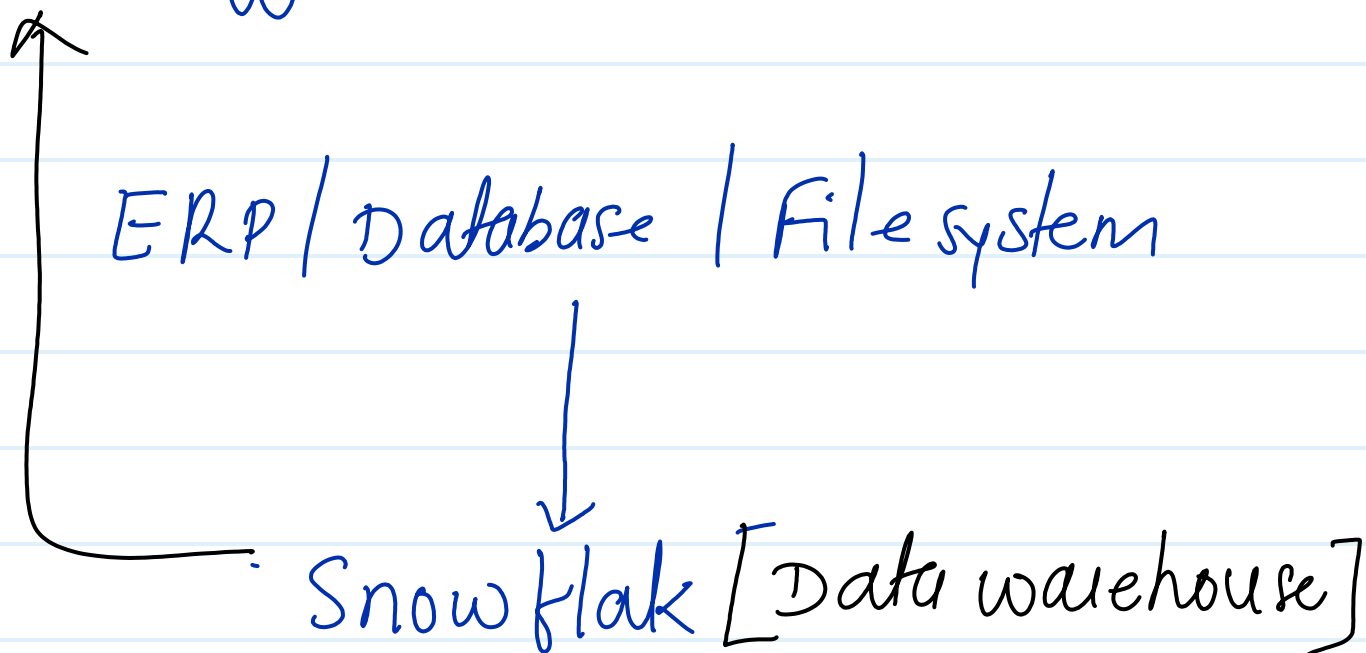
online Analysis
process

project flow

20 manufacture - Data (ERP)



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



↓ schema

(visualization Tool / BI tool)

power BI	Tableau	Excel
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visualization Report

