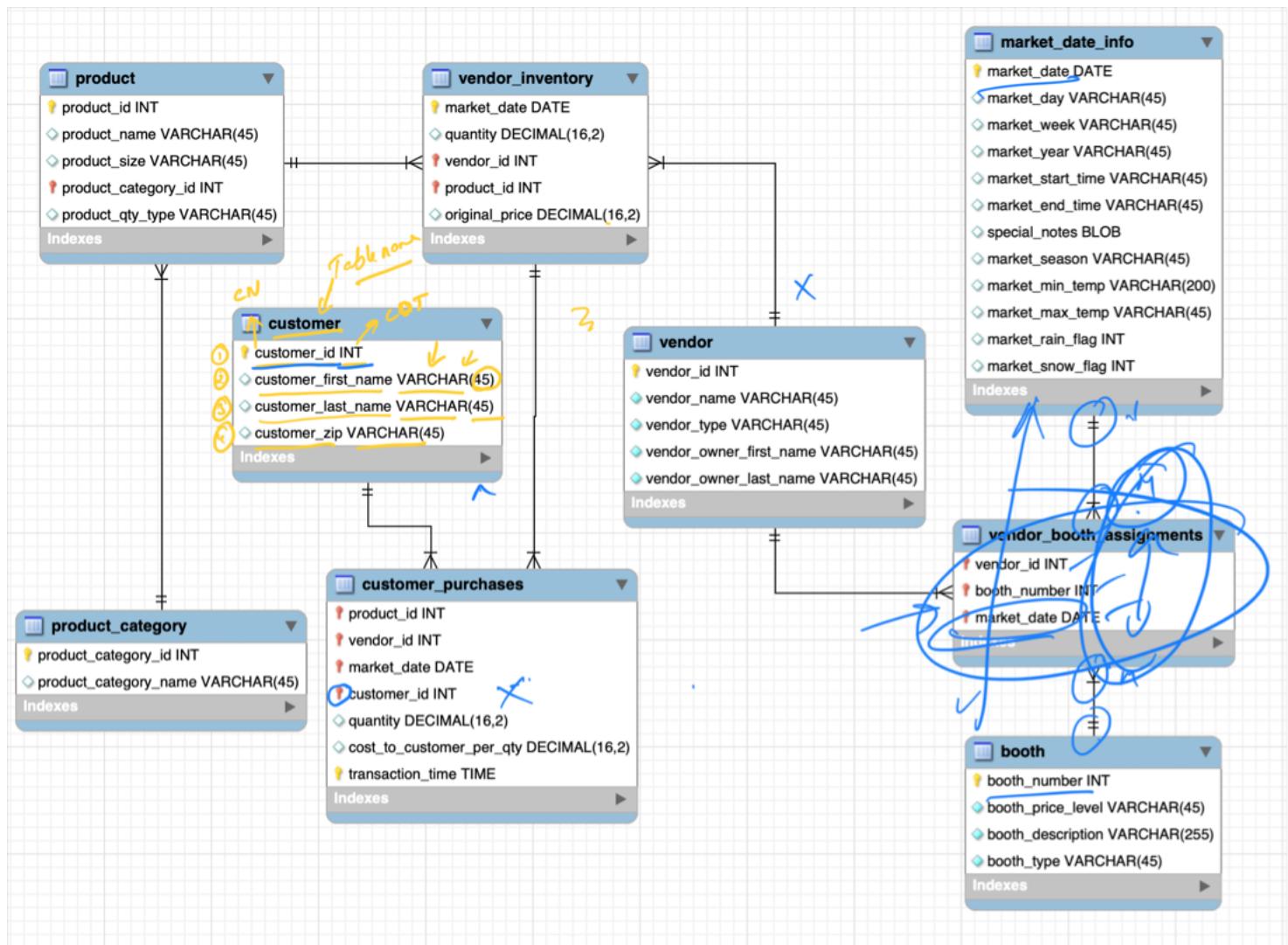


Agenda

- a. What is database?
 - b. DB schema Design
 - c. Concept of keys
 - d. Types of relationships
 - e. Data warehouses
 - f. Setting up Bigquery.



Rules :-

① 9:02 PM

② class will of 2 hrs

09:00_{AM} - 10:00 → 11:00 PM

break
(5 mins)



③ Doubt clearing session

11:00 to 11:30

④ By default, 2 times critical = 3 times

⑤ Question tab → ask questions (DCS)

⑥ Commitment { ① Assignments / Assessments
⑤ Ratings (1 - 5)

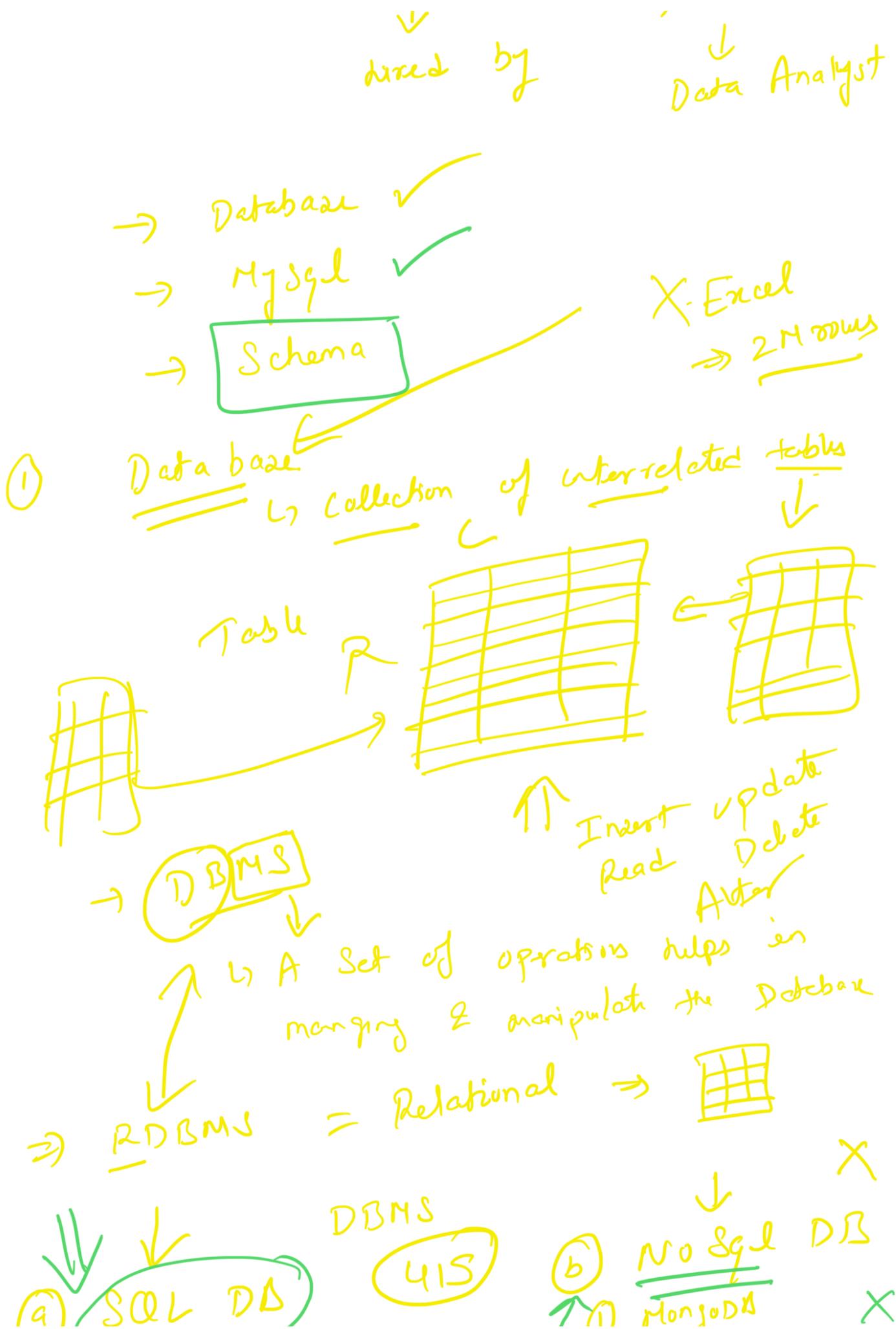
⑦ 12 classes
↳ 10th → Business can study
↳ Project
↳ 14 days

⑧ +
↳ Model test = 70% ⇒ P

Amazon Fresh

1

→ DA





char (size)

11

char(10)

↓
only 1 value

Grenzen

① char(4)

~~a char~~

c) varchar

d) An x

⑥ Varchar(10)

Amit Singh ✓
Amit J Singh ✓

ω

$$\angle = 10^\circ$$

Lia

Relationships

1

One

to one

| Customer | | CFN | CLN |
|----------|---|-----|-----|
| Cid | | | |
| 1 | A | X | |
| 2 | B | Y | |
| 3 | C | Z | |
| 4 | D | T | |

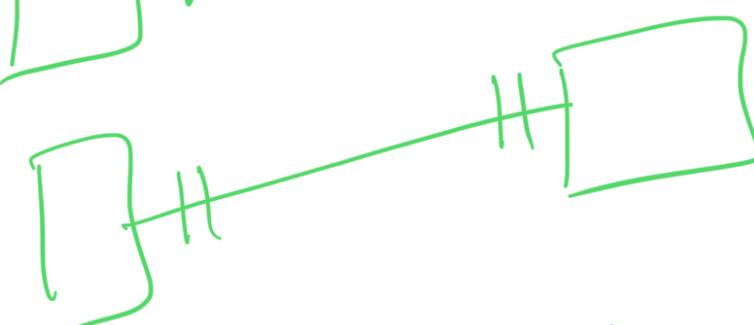
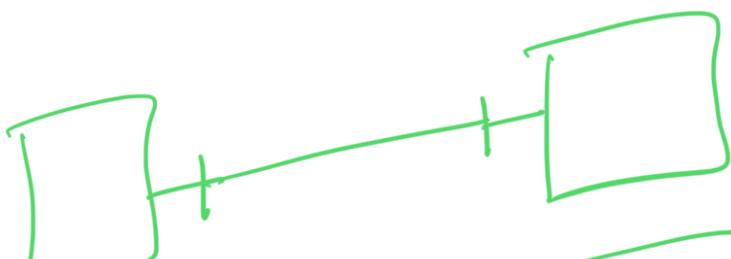
cid Customer-address
cid state

| out | in | out | in |
|------|----|-----|----|
| q001 | P1 | | KN |
| q002 | 2 | | KR |
| q003 | 3 | | AP |
| q004 | 4 | | AX |

1

Rank

normalization



2

95

One to many

| | Cd | CFW | CLN |
|---|----|--------|-----|
| 1 | X | Reject | X |
| 2 | X | | Y |
| 3 | C | | Z |
| 4 | D | | N |

$$1 : n$$

| PN | Ch. d. | Cd | Product |
|-----|--------|---------|---------|
| 001 | 1 | ppn14 | |
| 002 | 1 | 1 pac | |
| 003 | 1 | Sony 61 | |
| 004 | 2 | orepme | |

relations 2 pgs
order **FU**

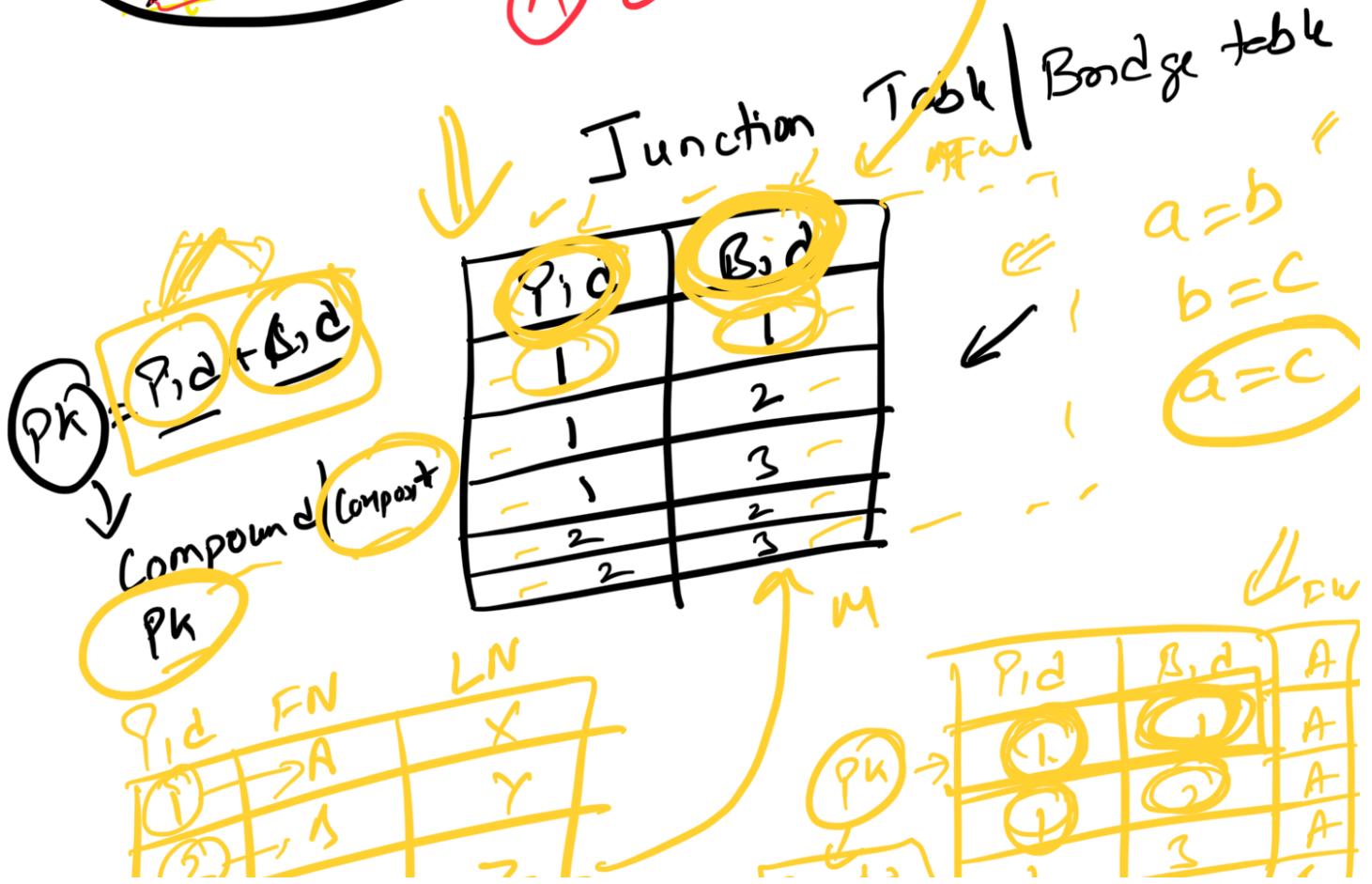
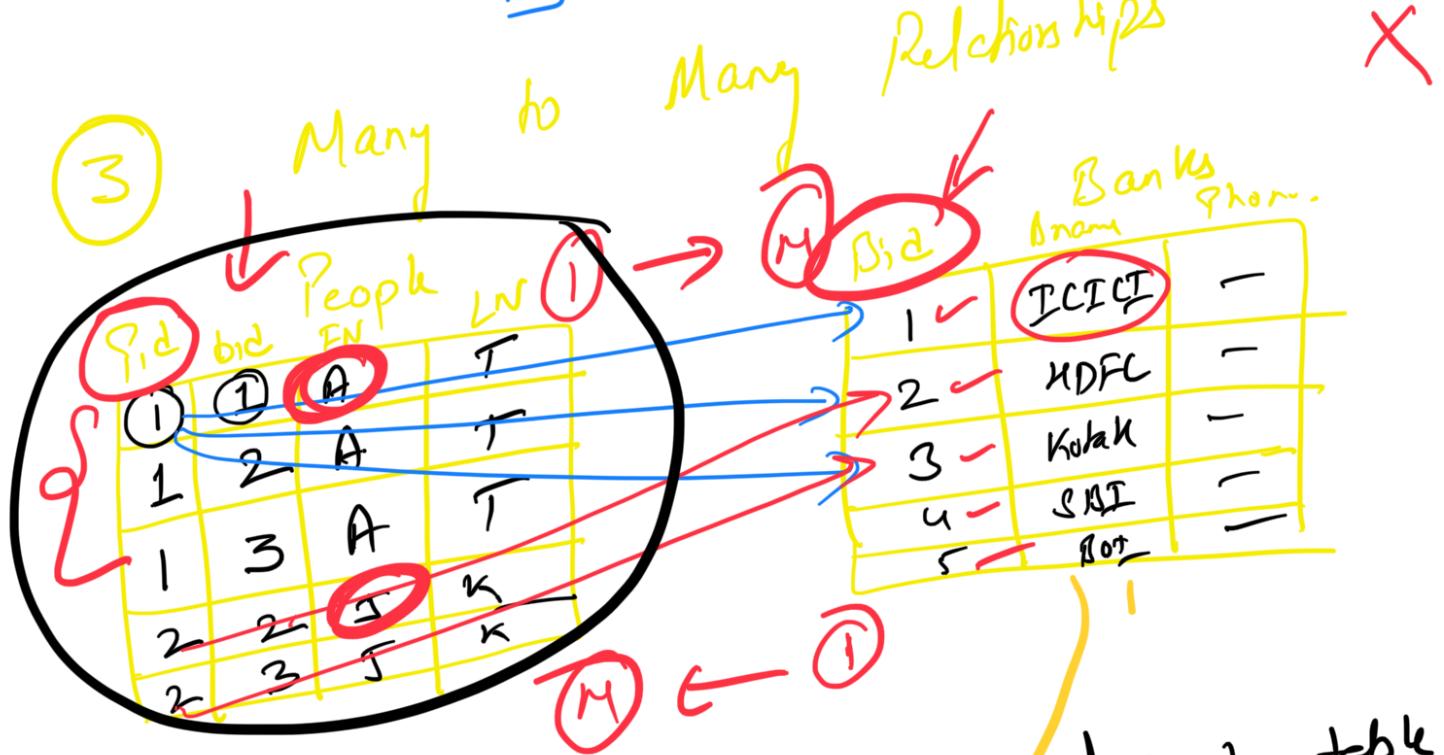
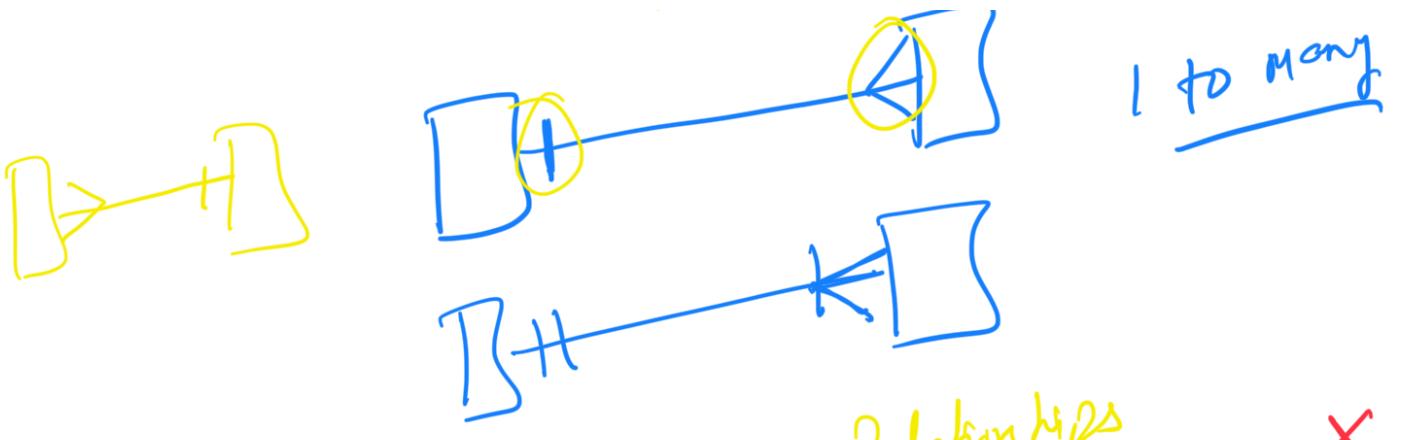
re

06

4

- 1 -

Jack O'Leary





$$1 \text{ col} = \frac{P_K}{\text{Composite } P_K}$$

$\boxed{> 1 \text{ col}}$

$\boxed{4}$

