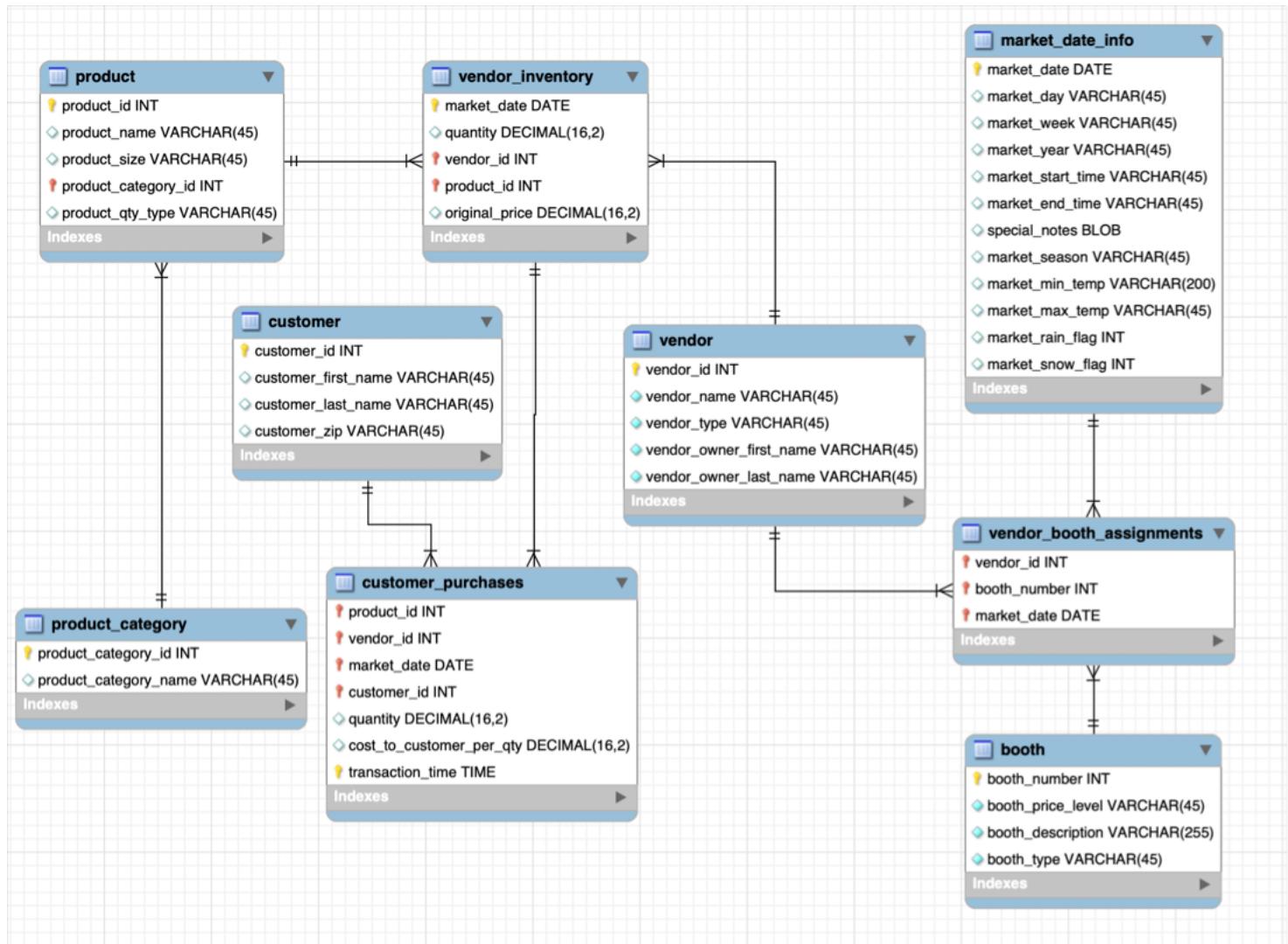


Agenda

- a. BETWEEN Keyword
- b. IN Clause
- c. LIKE keyword
- d. Sub queries
- e. Case Statement
- f. Aggregation in SQL
- g. Group By



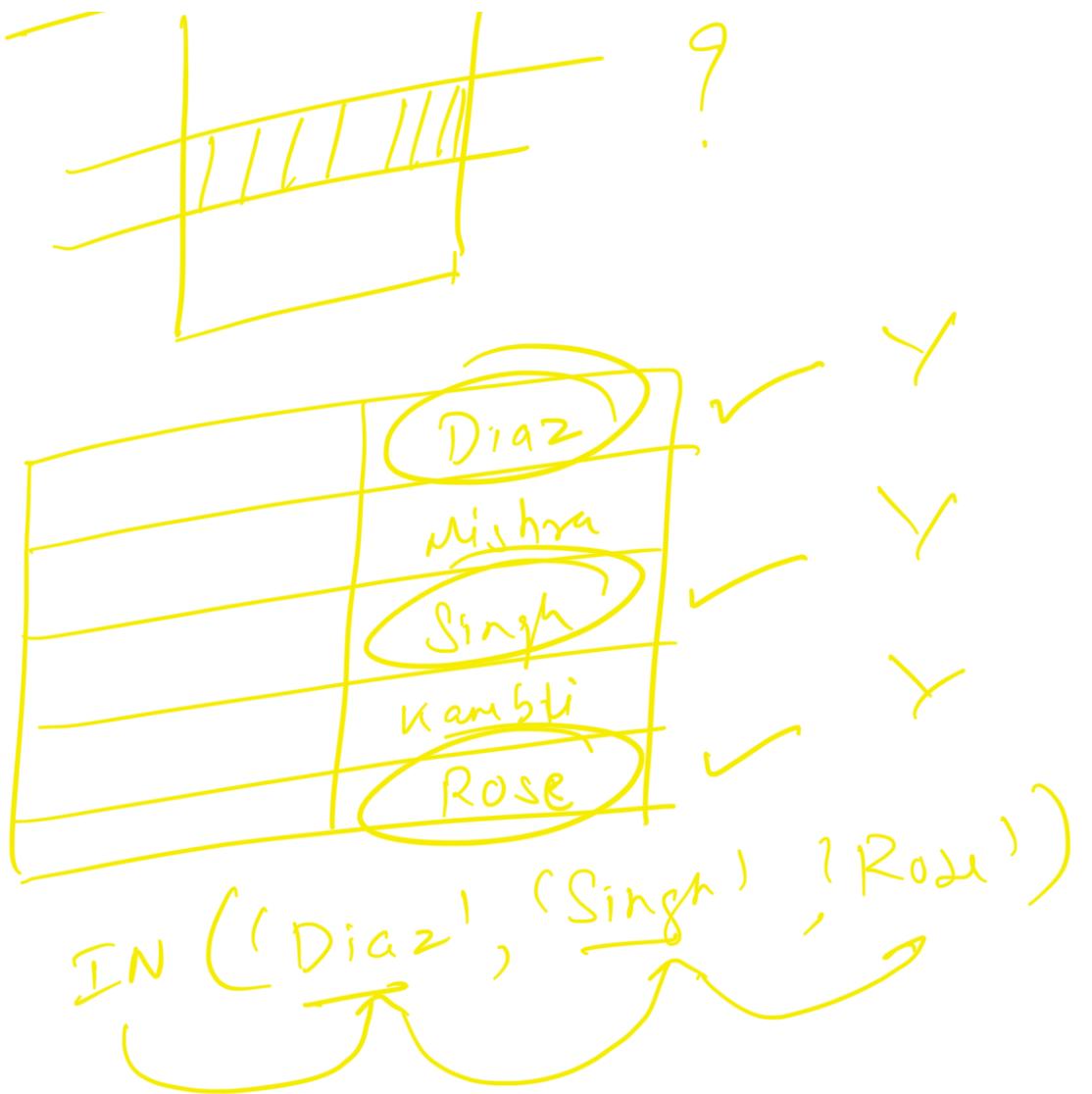
① bitCap ÷ amt
Select bitCap ("@amt") → A_{amt}

② Round ÷ 12.3333
12.34 12.35

Select Round [12.3333, 2)
⇒ 12.34 → 12
⇒ 12.3 → 12
6% DA/DS
+ CRUD + SP

Day 5 : $[>, <, =]$ ↵

→ 4 and 7 also include 10
✓ 7 4 and 7 OR 7 10
→ BETWEEN clause



⇒ Pattern Matching



where name (like) 

Case Sensitive

I% = stand in for 0 or more characters

shubham ✓

→ like 'shubba'

shubhaditya ✓

✓ shubham
✓ shubhaditya

shooran X

simran X

Samar X

shubash ✓

Henant shubash

X ≡

shub ✓

↓

ii

like

'%hu%'

→ 1, 2, 6, 7, 8

③.a

like

'aut'

× M Autumn

② auto ✓

X ③ Autosales ④ Fragments ~~writing~~
 like ① Aut = none

⇒ ③.c ① Aut = 2, 4

b) underline = stands for one and
only one character

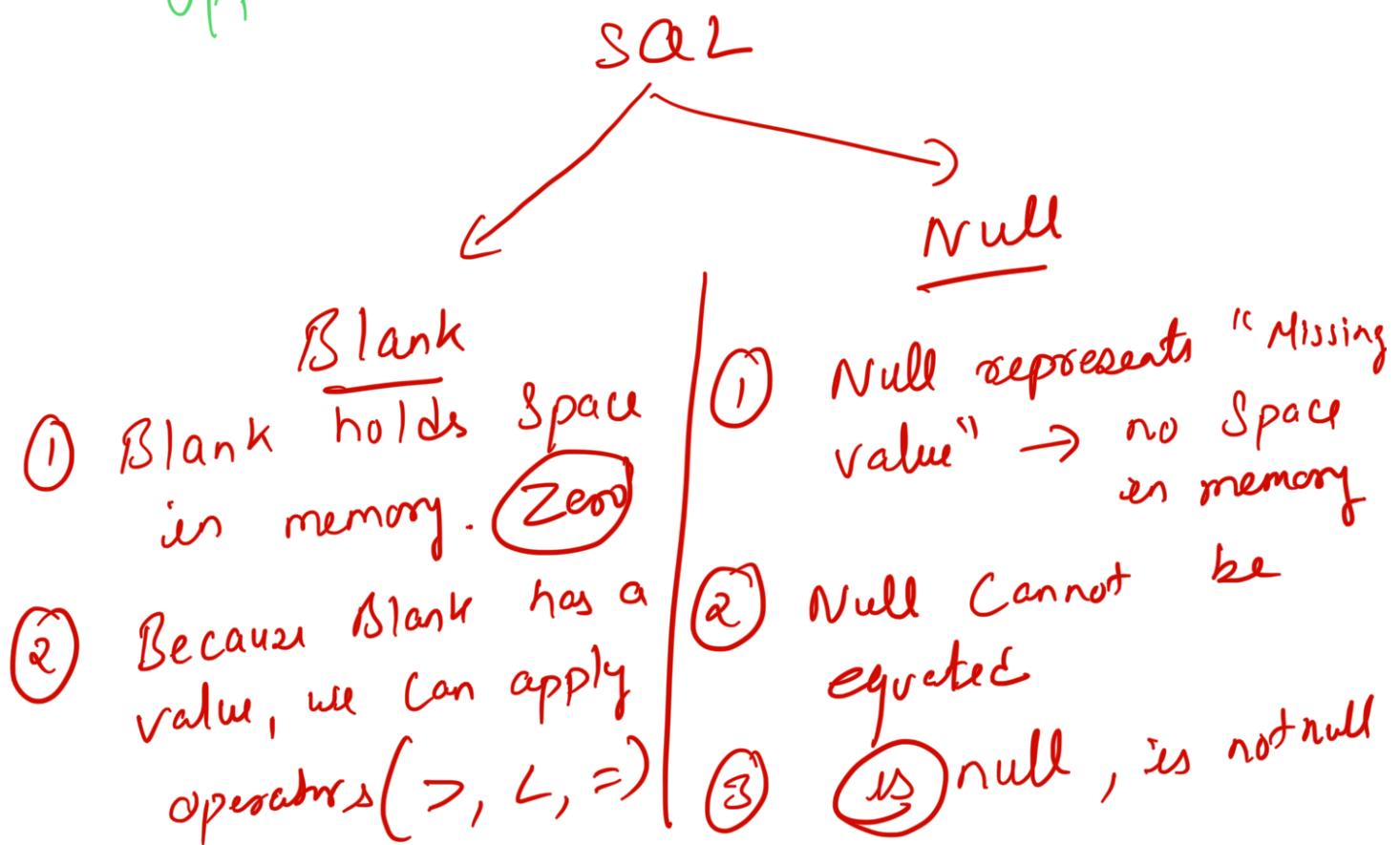
like ① A _{2 3} ¹ + ¹ → 4 character
 ✓ ① Anita _{2, 3} → a, z
 X ② Anched. ④ Aunt ✓
 X ⑤ A.M.a.B X ⑥ A Mat ✓
 ⑦ A ① ① i ✓

Practice Question

like ① Aut _{1 1 1} ¹ _m Autumn ✓

✓ (a) Mahout eon
 ✗ (b) butterful
 (c) rive—
 (d) routecl X
 ⇒ %o% Ans = All

lower (Jeri) = 'jeri'
 upper (Jeri) = JERI



A = binary 0101001

~~> = (0-127)
 ASCII

Trim → it removes leading &
 (solution for blank) trailing spaces. (Not
 between)

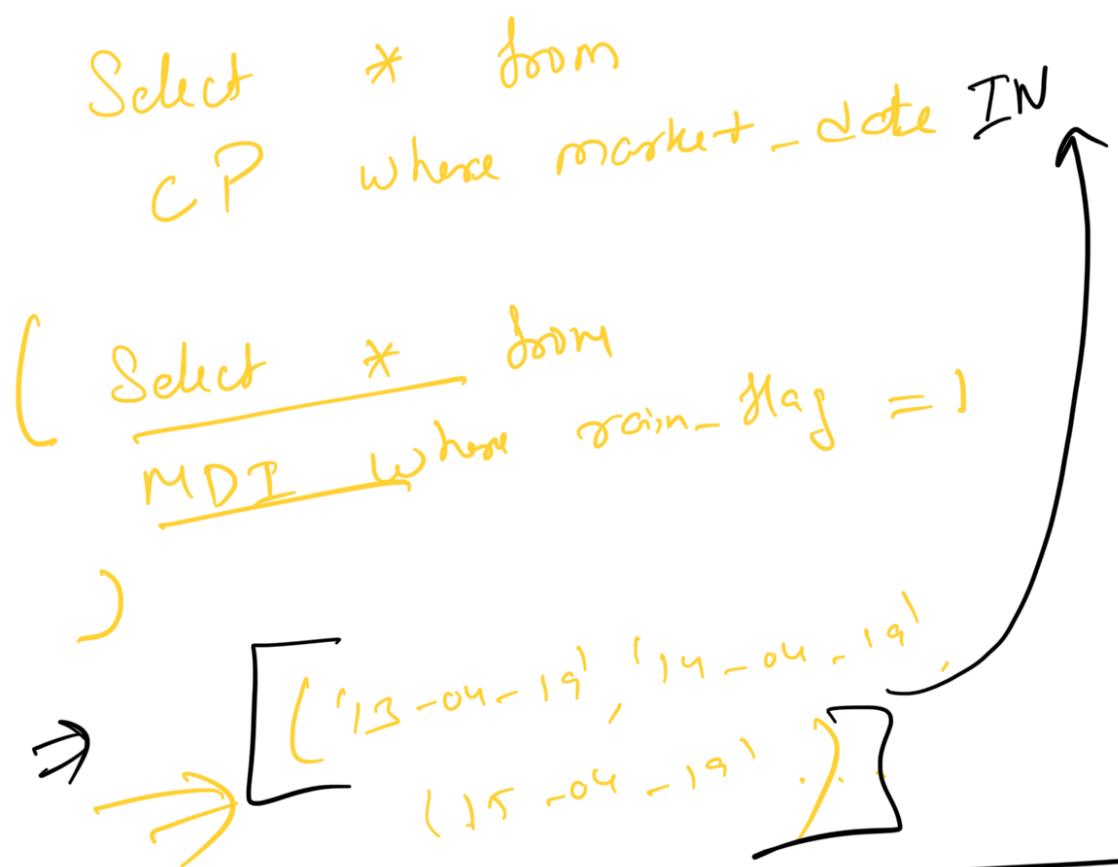
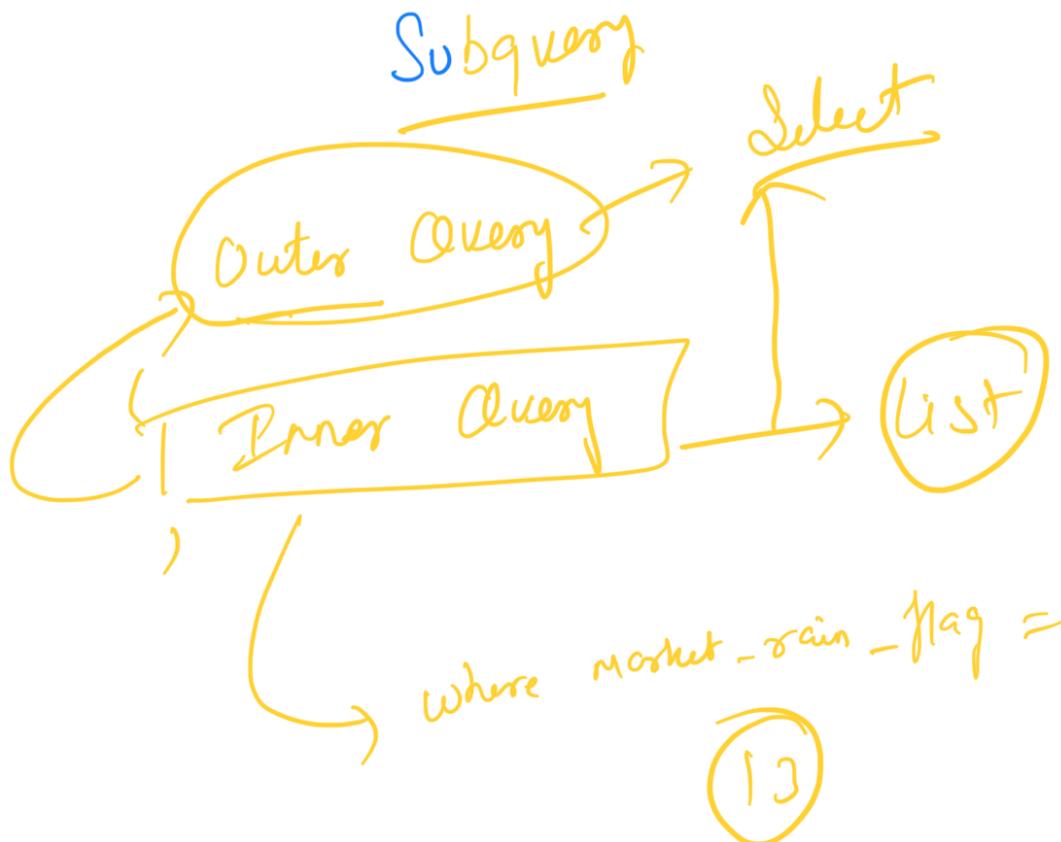
when trim(name) IN (A, R, H)

name = 'Anit@Singh--' ↓, ①
 = 'Rayda@Amanath-' ↓, ②
 = 'Hannath@B---' ↓, ③

Anit Singh, Rayda Amanath,
 Hannath B

name = 'Saurav@Kumar' ↓
trim(name) = Saurav@Kumar
 Saurav ----- Kumar

Null
 ↳ if null [col, value)



Doubt clearing session
Qn. 1 to 20 exclude 2

Select R
from table
where not in 2 ;

1, 3, 4, 5, 6, 7, 8, 9, 10

An.2 Regular Query

amit1234@ymail.com = RegEx
→ like 'amit%@% ---