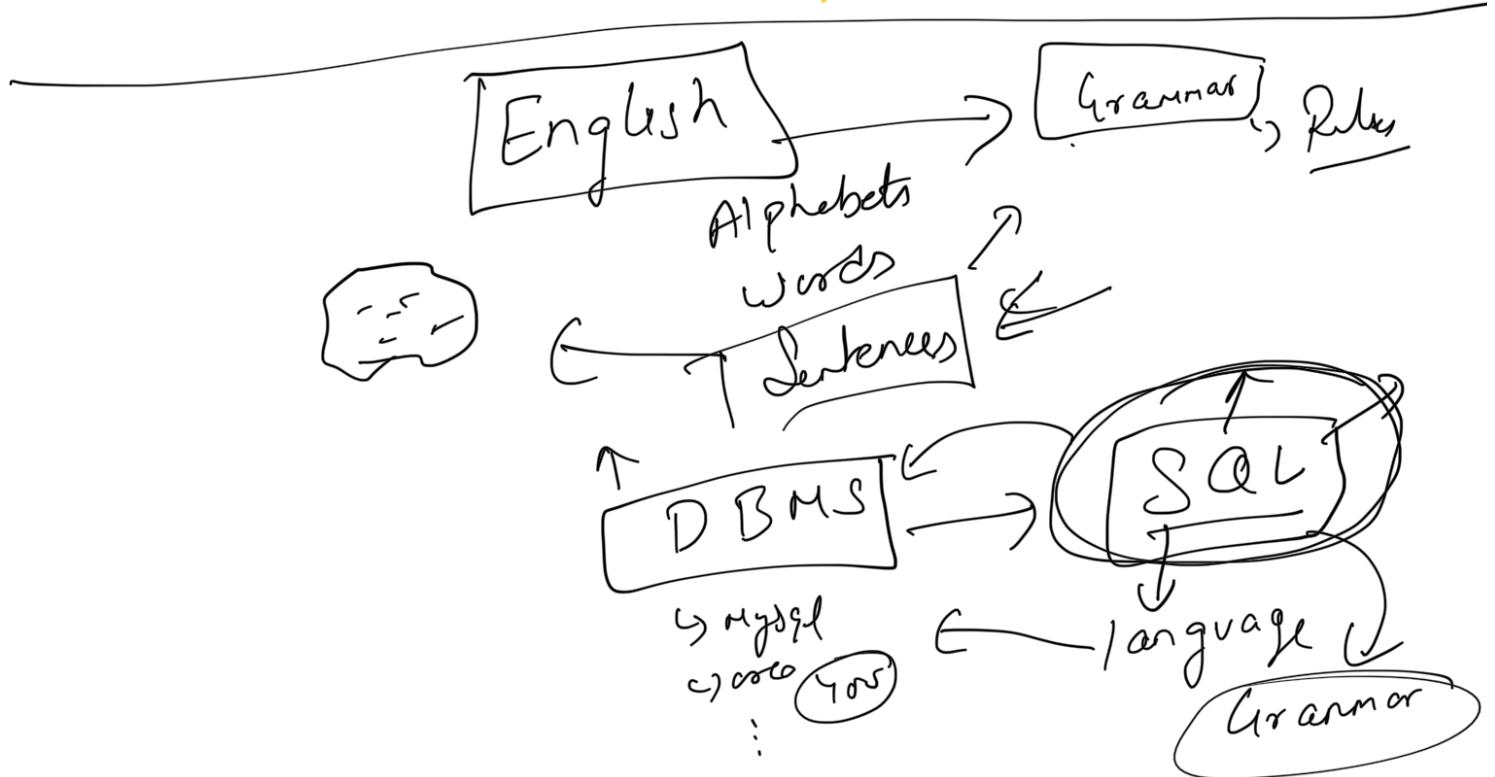


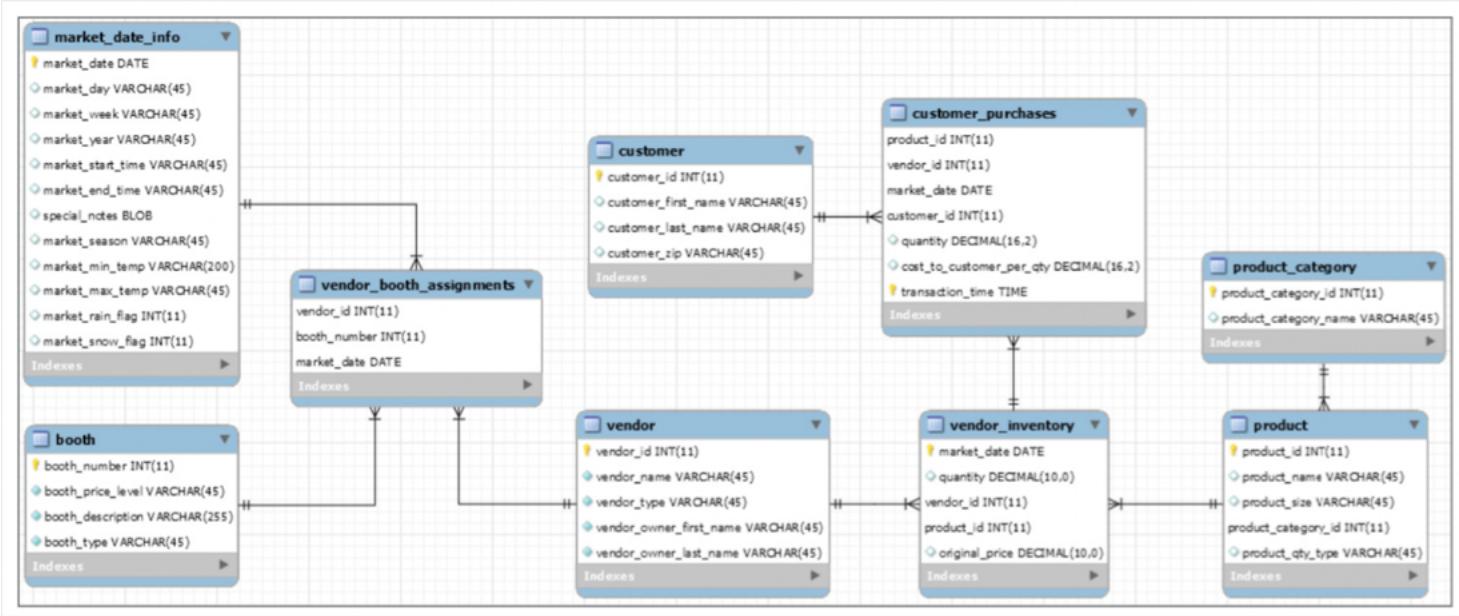
Agenda

- SQL
- In built function
- Filter query
- ↳ IN / UN keywords
- ↳ Subqueries



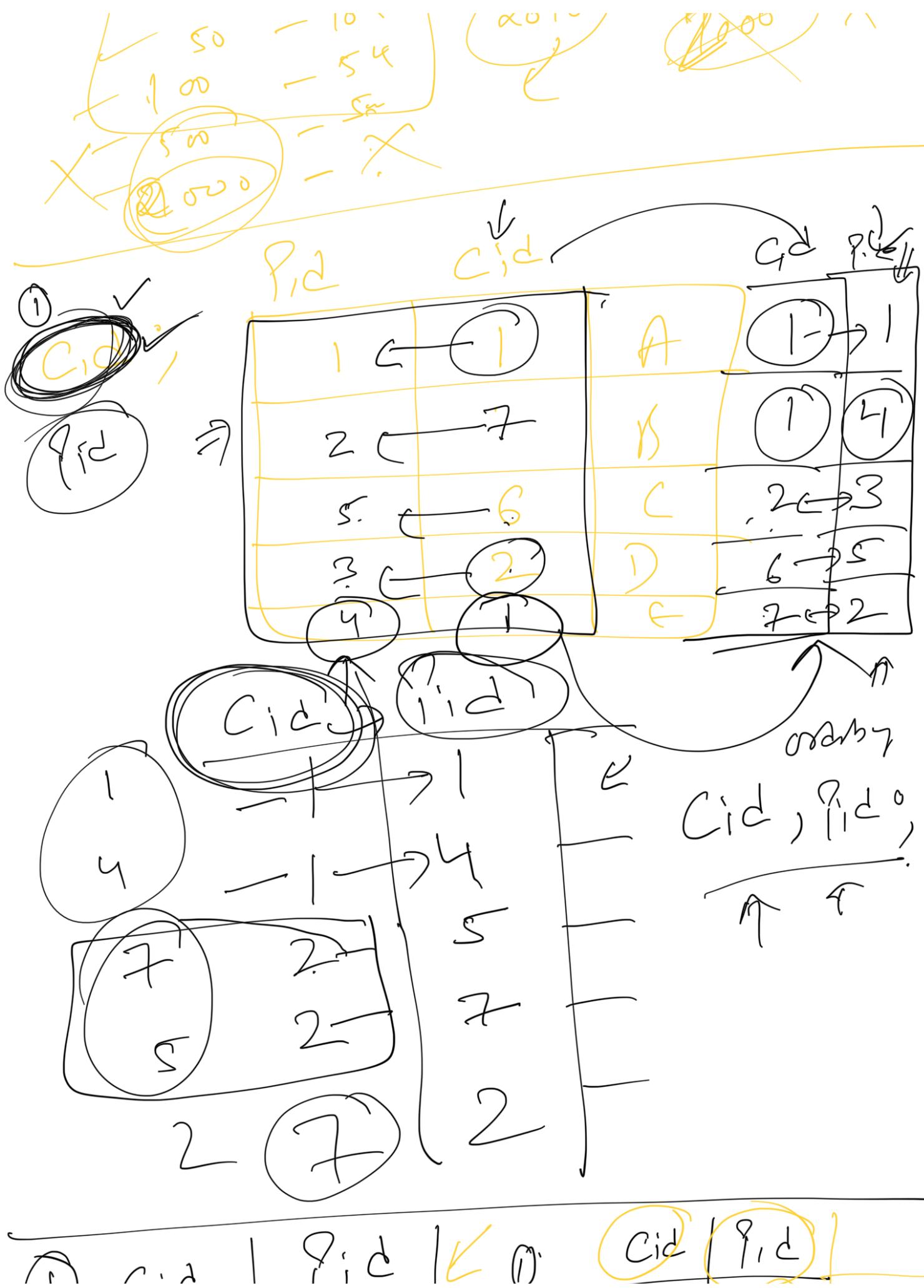
- ① DDL
 - ↳ Create
 - ↳ Drop
 - ↳ Alter
 - ↳ Truncate
- ② DML
 - ↳ Insert
 - ↳ Update
 - ↳ Delete
 - ↳ Lock
- ③ TPL
 - ✓ COMMIT
 - ✓ ROLLBACK
 - ✓ SAVEPOINT
- ④ DQL
 - ↳ Select
- ⑤ DCL

(C) → Grant ✓
→ Peronne ✓



~~X~~ = all columns + rows

A hand-drawn diagram in yellow ink. It features a curved arrow that starts near the word 'Product' on the left, loops around the word 'Profit' in the center, and ends near a checkmark on the right.



	U	U1c		1'	
1			5		
2			17		
3			10		
2			11		
1			9		

by C1c

5	1	9	5	1	9
1	3	3	2	10	11
2			2		17

⇒

G_{abu}

C _{1c}	Q _c	C _{1,2} desc	Q _{c,d}
1	8		6
3	12		12
2	9		7
4	6		7
2	7		9
1	1		8

14 = Qty = 0.992
 Cost = 6.99

Price = (7.1 × 6.98)
 6.99×0.99

in 1.1.r Index for Emporium

① Give me 3rd higher one with r.

600 ✓
450
400
300

eid	ename	esal
101	A	400
102	B	300 → ② 450 - 103
103	C	450
104	D	600

① 600 - 104
② 450 - 103
③ 400 - 101

first

offset

order by Sal desc

limit 2, 1

where to start

how many rows to be shown

for name

Dear

1, 3

a =

Sal → 1 2 3 4 5 6
Manuel Diaz

descriptions

Concat

SOLO

lower

Substring

↓
Substring

start end

(a, b)

c

Upper Substring (a, 1, 1)
anvel

(a, 1, 2)

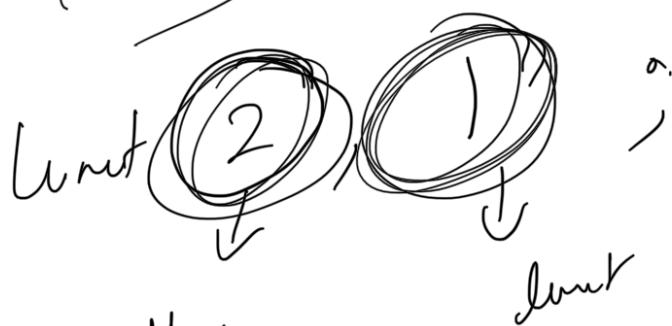
(a, 1, 3)

m e 2 0

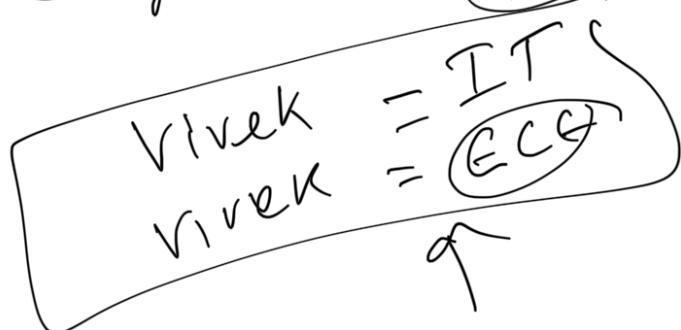
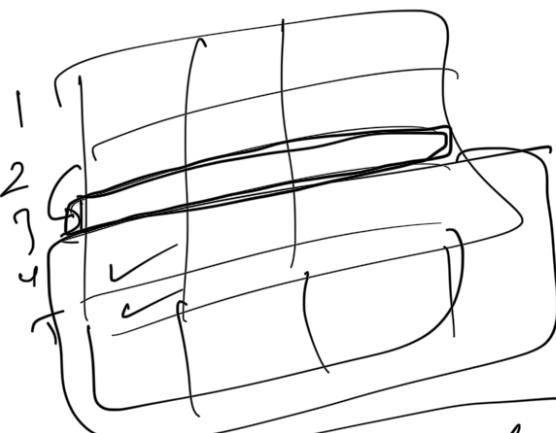
mANVEL

$\text{Concav}(\text{Con}(\text{lw}(\text{su}), \text{up})),$

~~not~~



offset
start



Vivek = IT
Vivek = ECG

ECE, Vivek