

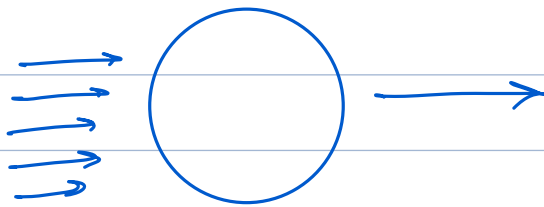
Agenda :-

- Agg functions
- Group by
- Having

Find the batch name of all the students

Find films where rating is PG-13.

- AVG salary of all employees?
- count of movie in 2006?
- max salary of all employees?



Aggregate fⁿ :-

- count()
- max()
- min()
- avg()
- sum()
- ;

{ avg psp of
all students

{ students
↓
combine all
rows
↓
Find avg.

COUNTC)

count(1, 1, null, null, 2) = 3



doesn't
count null values

students

id	name	pop	batch
:	:	:	:

NULL → if batch is
not allocated.

select count(b-id) from students;

select count(*) from students;
number of rows!

table = {}

cnt = 0;

for row in table:

if (row[b-id])

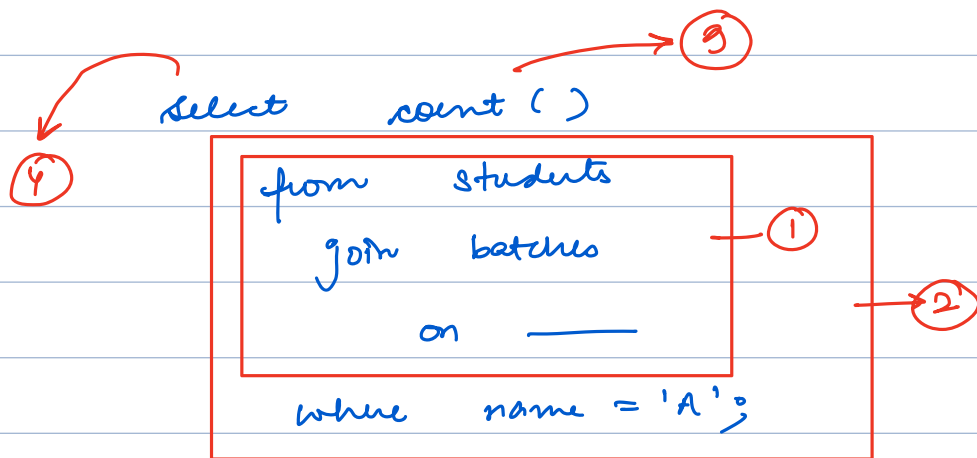
cnt++;

print(cnt)

select count(b-id), b-id from students;

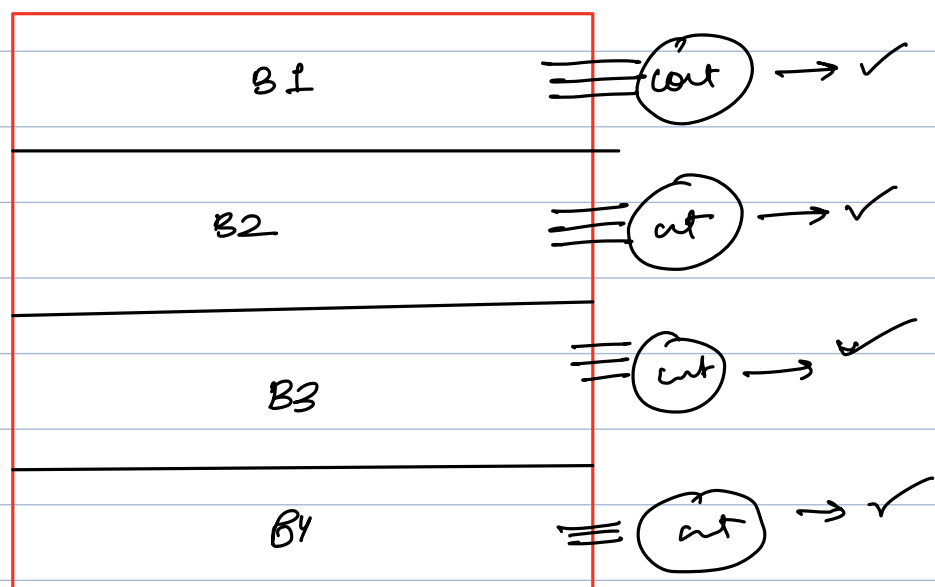
—
⋮

- get the count of students with batch_name A ?



- count no of students in every batch ?
- count no films released in diff years !

group the data in multiple subgroups



```

select count(st-id)
from students
group by b-id;

```

students			batch	
id	name	b-id	b-id	name

Find the batch-id where count where total
students in batch > 100.



'where' acts on
individual rows
not groups

HAVING

```

select b-id, count(s-id)
from students s
group by b-id
where HAVING count(s-id) > 100;

```

