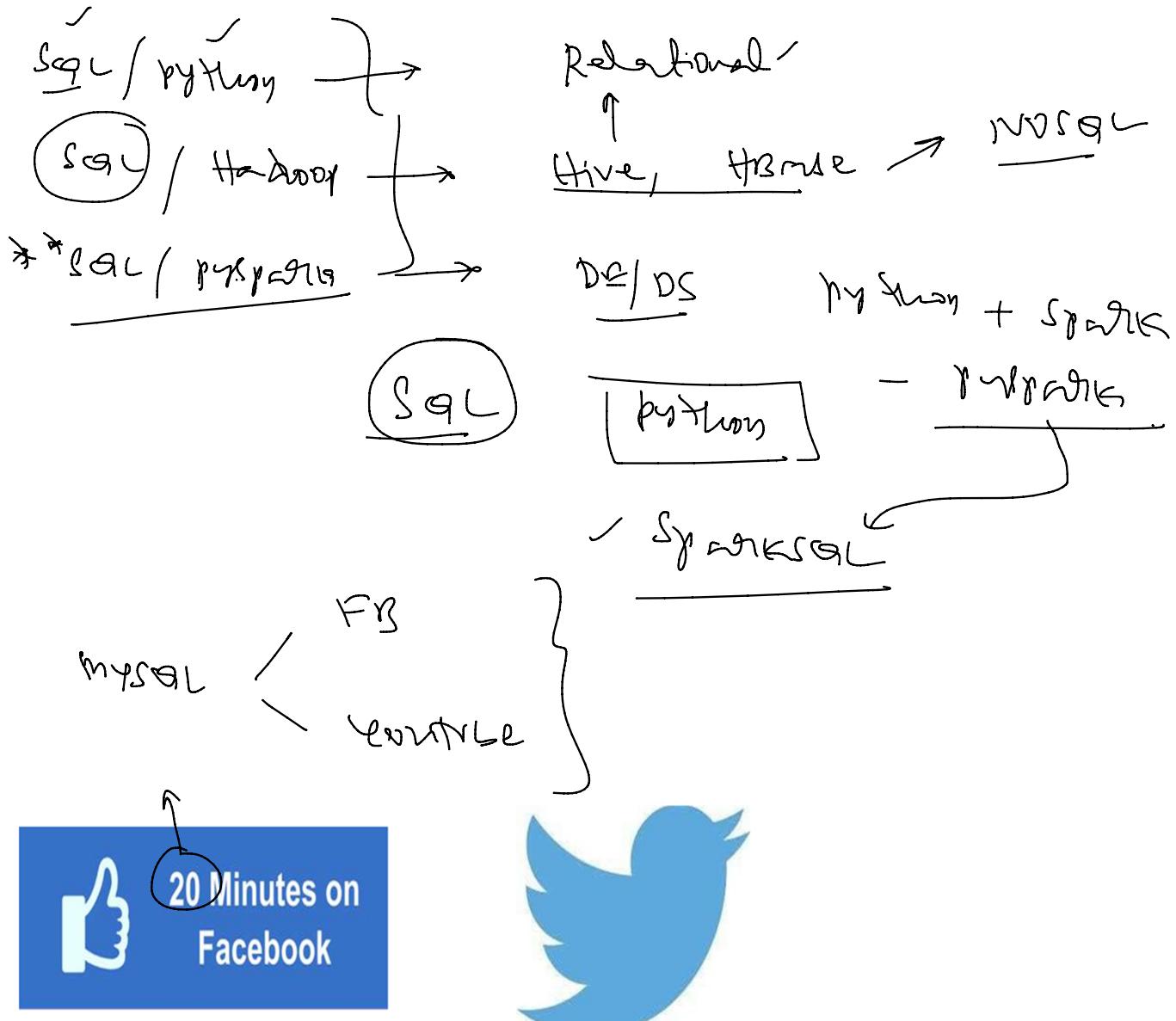


## Select and Aggregate Functions

13 September 2022 18:42

Saiganesh  
Sowjenya  
suryaa



1,587,000 Wall Posts  
1,000,000 Links Shared  
1,484,000 Event Invites  
1,323,000 Tagged Photos  
2,716,000 Messages Sent  
1,851,000 Status Updates  
2,716,000 Photos Uploaded  
10,208,000 Comments Made  
1,972,000 Friend Request Accepted

- There are 330m monthly active users and 145 million daily users.
- A total of 1.3 billion accounts have been created. 79% of US Twitter users are more likely to recommend brands they follow.
- 67% of US Twitter users are more likely to buy from brands they follow.
- 57% of all companies that use social media for business use Twitter

Tech  
Business

Like ✓

① HQL/BLR/CN

② Data → ✓

③ D - A → Data

wild card char → %, \_  
\_ → group of letters

use helps us to pickup the  
work patterns.

% → set of letters }  
\_ → single char }

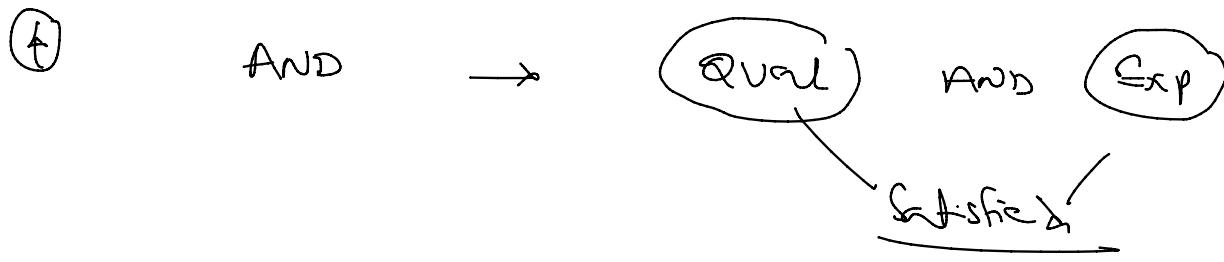
key take aways

① FB populated Data in 20 min.

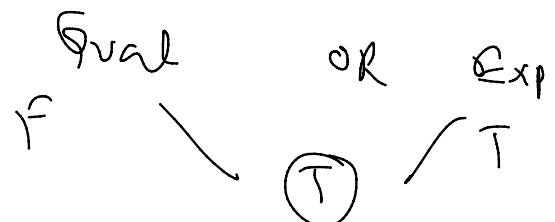
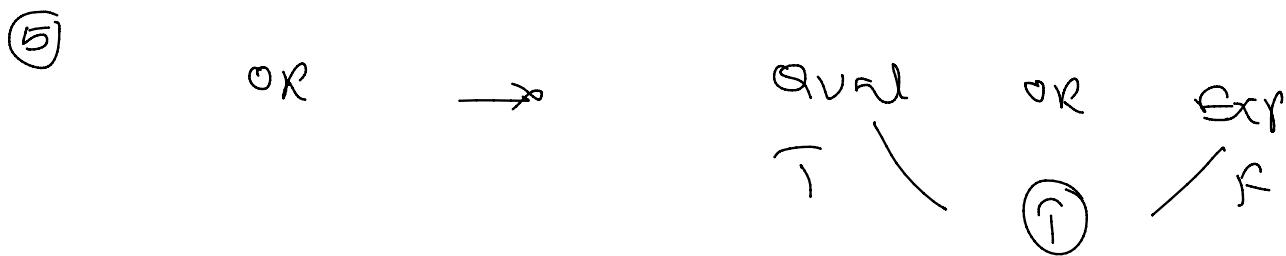
② FB/ YUV rule → DB/ optimization.

③ Update →

④ AND → Qual) AND Cxv



$Qval = 'MC' \text{ AND } Exp > 3;$



Negation of some condition

(7) like operators

wildcard

%  $\rightarrow$  Any number/Any char  
\_  $\rightarrow$  1/0 Data  $\rightarrow$   $\Rightarrow$   
 Big Data

Specific letter

JR. Data

like → AND / OR / NOT

(8)

limit

limit <

limit 2, 3

limit 2 offset 3

→  
⑨ ↗ ↘

Aggregate function

Count()

Max()

Avg()

Sum()

Min()

loop → Dept



loop

Goal

Aggregate function = summarizing  
function

### Key Take aways

- ① FB statistics
- ② AND, OR, NOT ✓
- ③ Vice versa ( $\circlearrowleft$ , -)
- ④ limit
- ⑤ order by
  - asc
  - desc
- ⑥ Aggregate functions
  - count()
  - sum()
  - max()
  - min()
  - avg.
- round()

- $\text{round}(\text{Salary})$
  - $\min 2(\text{Salary}, 2)$
- 

Group by

Aggregate functions

union

union all

intersect