Agenda

Li Common types of NoSQL databases

Li When to choose cohot

Li Mow are shards managed in NoSQL

— replication

Li multi-marter

SOL - Pro: Le Cons

J

Schema - Schema might be too limiting

ACD - Monding lows ACD across shoulds

No SQL

Key - Value

Document DB

Column Family

Graph DR

S

Knowledge man

Knowledge management ML Pipelines File Storage

Key-Value DR Redic Mem Cache

Completely Schemders String | int/bool/anay/set/sorted set

Rey 1: value 1

Rey 2: Value 2 Query is only possible by the key doc= { key 1 : { Kez 2: — Lo get (hey) -> value Lo set (key, value) doc [key] [key2] Ly has (key) - boolean In dex find all keys whose value >10 Xslow or no way to

inder values

Downt Dotabon DowDI

Slastic Search They am JSON stones. document's uvid "abord - drdd - 261a - bfdgha-, : { 'kyl': 'Hello', (key 2 ? : 20, ⇒ ISON object · key 2' : [1,2, · H'], Amazon - Product

Querry

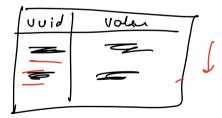
get (void) -> json -> entire document set (void, json) -> get the entire document

get All Maten ({ 'key 1': 'laptop'}) -> automatically indexed (mo Ab)

in Mongo DB - add indexes manually.

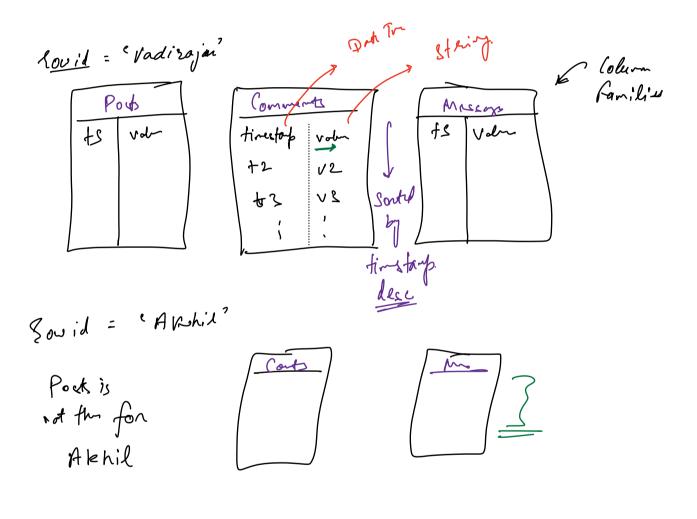
indexes of 1st trus

index on 'key 1'



(blumn family Datibons HRan

Now-id → shorded boxed on Rowid.



July

- feton Mort Recot (Rowid, Col families, 10)
 Akhil Message 10
- D fitch By Prfix (rowid, colfamily, "sand")

Akhil - Saundh

Rowid - Akeil

Find all Record messys
Akhih has reciens
feton Most Recent

find at run men in to Akhil/sona

Recieved - meson

9:53 | Santabh: Hello

9:98 | Santabh: Hi

9:00 | Annog: Heg

A kelol / Sana Com.

Rovid - South

9:51 Abhil: hello

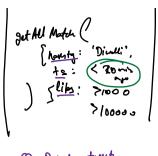
L's efficient Prefix waters

Souted list

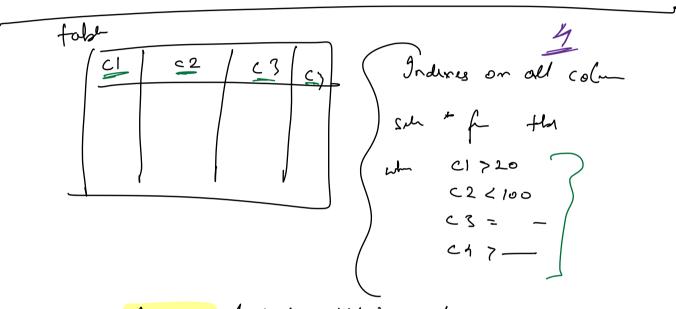
Saves space

(1) Twitter's Host Tog date Stongs

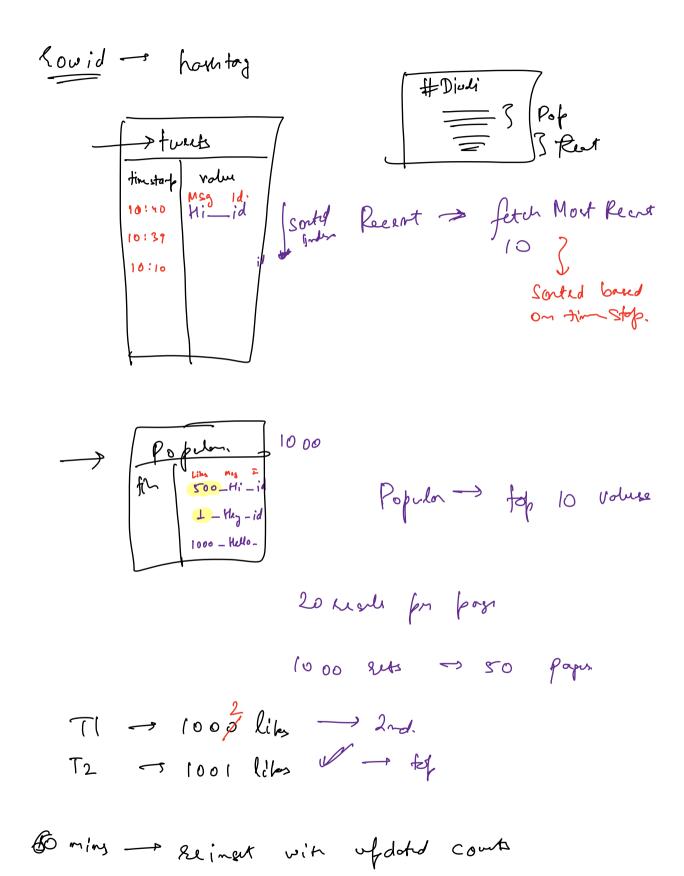
India - 10 Rillian Touts for a hash to the most recent of 10,20, most popular 1 + Stoll - lodds mon twelts for that I -> paginated data Relational DR Key-Var SQ2 ? Lowid - hoshtag <u>uuid</u> : ____ ky; Hom Tay call hardh valu: all twents hounteg: "Directi? Scole! with this tweets: [hash too. [ts, id, may] Ets 191 was > manud Shooding get (# India) { hordstay: "Scolo", tweath: [ky: Home Aliber - me pafer motory get (#Divoli) looso - Hi E housty: "Dindi" _ O_ HU40. 100 feets /sec - Lob - Hay. posted.



1 Popular trus.



At max I index will be used.



11:00



Live Mator Scores

Show the ongoing scon information.

-) is the data for a gime motor -> Could

I how fright is the date being of dotal?

I vi high I to update for

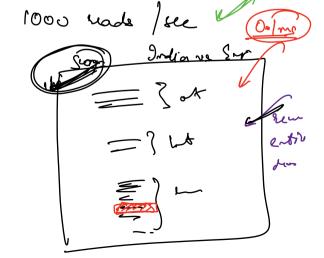
I high I low I to update for

Vilou I update for

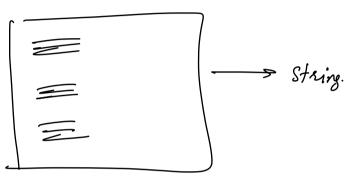
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→ reade → r.hign →

Rey-Volu Store



Rouid - An DNA

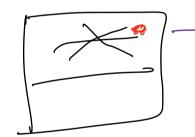


India ve (~r): 2627	* Note 9 or : 10 \m 1 -> 5 \m 2-10 \m 3-> 2 m I por Seh \maked \makedan \makedan
2022) .	
2022,	

Controt:

La need to track the live location of color. Ligin a col - where is it? Not doing rearest colo gury. X - lat

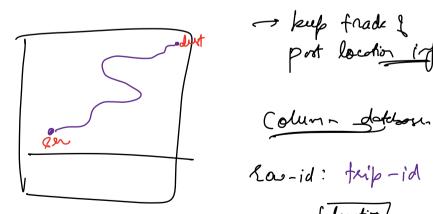
Only want latest location



ky-value

key: Cabid Volue: location.

in a ride -> lock got tolow



-> kup frade { post location info.

Ras-id: trip-id



3) frack driver.

Rossil: driver-id

Doubots

Relation DB?

Small dots

big date X

key-value X

grap-id: [arm]

docum db X

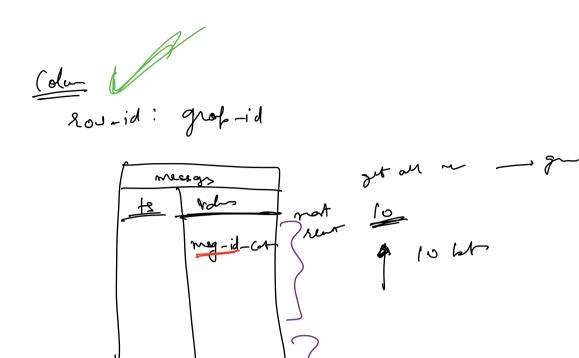
grid

mm []

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fetor or motor (

Spy 11: 128, timety > post 30 miss



Stack on Reddit

Use 1 — † question

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Mind.wiki