– Q1 - Snir Kril

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select

id

from tags

where

lower(TagName) = 'sql'

;

-- b

select count(distinct Id) as users\_count

from users

;

-- c

select

p.OwnerUserId

from posts as p

left join

users as u

on p.OwnerUserId = u.Id

where u.Id is null

;

-- d

Create view cc as

select p.Id, count(c.Id) as comments\_count

from posts as p

left join comments as c

on p.Id = c.PostId

group by p.Id

;

-- e

select comments\_count, count(PostId) as posts\_count

from(

select PostId, count(\*) as comments\_countֵ

from comments

group by PostId) as cc

group by comments\_count

order by comments\_count ֵ

;

-- f

– option 1 - without using the view in d

select comments\_count, count(PostId) as posts\_count

from (

select p.Id, count(c.Id) as comments\_count

from posts as p

left join comments as c

on p.Id = c.PostId

group by p.Id) as cw0

group by comments\_count

order by comments\_count

;

– option 2 - it is better because it saves time- using the view from d

Select comments\_count, count(\*) as total\_posts\_count

From cc

Group by comments\_count

Order by comments\_count

;

-- g

select v1.PostId, v2.PostId, count(\*) as same\_users\_count

from votes as v1

join votes as v2

on v1.UserId = v2.UserId

where v1.PostId <> v2.PostId

group by v1.PostId, v2.PostId

having same\_users\_count > 10

;