Write a SQL query to find the cancellation rate of requests made by unbanned users (both client and driver must be unbanned) between **Oct 1, 2013** and **Oct 3, 2013**. The cancellation rate is computed by dividing the number of canceled (by client or driver) requests made by unbanned users by the total number of requests made by unbanned users.

**SQL Server:**

WITH total as

(

SELECT t.request\_At,cast(count(\*) as float) as trips from Trips t

LEFT JOIN Users u ON t.client\_id = u.users\_id

WHERE u.Banned = 'No'

AND t.request\_at BETWEEN '2013-10-01' and '2013-10-03'

GROUP BY t.request\_at),

total\_cancellation AS

(

SELECT t.request\_At,cast(count(\*) as float) as trips\_cancel from Trips t

LEFT JOIN Users u ON t.client\_id = u.users\_id

WHERE u.Banned = 'No'

and t.Status LIKE 'cancelled%'

AND t.request\_At BETWEEN '2013-10-01' and '2013-10-03'

GROUP BY t.request\_at

)

SELECT total.request\_at as Day, ROUND(coalesce(cast(total\_cancellation.trips\_cancel/total.trips as float),0.00),2) as 'Cancellation Rate'

FROM total

LEFT JOIN total\_Cancellation ON total\_cancellation.request\_at = total.request\_at

**My SQL:**

select t.Request\_at Day,

ROUND((sum(IF(t.status not like 'completed',1,0))/count(\*)),2) as 'Cancellation Rate'

from Trips t where

t.Client\_Id in (Select Users\_Id from Users where Banned='No')

and t.Driver\_Id in (Select Users\_Id from Users where Banned='No')

and t.Request\_at between '2013-10-01' and '2013-10-03'

group by t.Request\_at;

or

SELECT Request\_at as Day, ROUND(SUM(t.Status != "completed") / COUNT(\*), 2) as "Cancellation Rate"

FROM Trips t

JOIN Users c ON t.Client\_ID = c.Users\_ID AND c.Banned = "No"

JOIN Users d ON t.Driver\_ID = d.Users\_ID AND d.Banned = "No"

WHERE Request\_at BETWEEN "2013-10-01" AND "2013-10-03"

GROUP BY Request\_at;