#sql easy 1322

with j1 as(

select ad\_id, count(\*) as t\_clicked from Ads

where action='Clicked'

group by ad\_id

),

j2 as(

select ad\_id, count(\*) as t\_viewed from Ads

where action='Viewed'

group by ad\_id

),

j3 as(

select j1.ad\_id,coalesce(t\_clicked,0) as t\_clicked,

coalesce(t\_viewed,0) as t\_viewed,

coalesce(t\_clicked+t\_viewed,0) as total\_views

from j1 left join j2 on j1.ad\_id=j2.ad\_id

),

j4 as(

select ad\_id,t\_clicked\*100/(t\_clicked+t\_viewed) as ctr

 from j3

)

select distinct a.ad\_id, coalesce(round(ctr,2),0) as ctr from Ads a left join j4 on a.ad\_id=j4.ad\_id

order by ctr desc,a.ad\_id