#determine how many each tag is labeled by all the users

select count(\*) c, tag.tag tag

from transaction\_tags tt

left outer join transaction t on t.id = tt.transactions\_id

left outer join tag on tag.id = tt.tags\_id

group by tag.tag

order by c desc

#determine how many each tag is labeled by all the users and calculate the max,min and average

select count(\*) count, tag.tag tag, max(t.amount) , min(t.amount) , round(AVG(t.amount)) average

from transaction\_tags tt

left outer join transaction t on t.id = tt.transactions\_id

left outer join tag on tag.id = tt.tags\_id

group by tag.tag

order by count desc

#as the same as above but specifically show the results for tag include) word آلویز (if we want exactly matches we should say: where tag.tag = 'آلویز')

select count(\*) c, tag.tag tag, max(t.amount) , min(t.amount)

from transaction\_tags tt

left outer join transaction t on t.id = tt.transactions\_id

left outer join tag on tag.id = tt.tags\_id

where tag.tag like '%آلویز%'

group by tag.tag

order by c desc