# Obtener resumen de actividad por usuario

select A.`user`, S.treatments\_16 as vis, S.gender, S.pretest, S.posttest, S.pretest\_binned,

sum(if(A.appid=41,1,0)) as q\_att,

sum(if(A.appid=41 AND A.result=1,1,0)) as q\_att\_succ,

count(distinct(if(A.appid=41,activityname,0)))-1 as dist\_q\_att,

count(distinct(if(A.appid=41 AND A.result=1,A.activityname,0)))-1 as dist\_q\_att\_succ,

sum(if(A.appid=38,1,0)) as p\_att,

sum(if(A.appid=38 AND result=1,1,0)) as p\_att\_succ,

count(distinct(if(A.appid=38,A.activityname,0)))-1 as dist\_p\_att,

count(distinct(if(A.appid=38 AND A.result=1,A.activityname,0)))-1 as dist\_p\_att\_succ,

count(distinct(if(A.appid=3,A.parentname,0)))-1 as dist\_e,

sum(if(A.appid=3,1,0)) as e\_lines,

count(distinct(if(A.appid=35,A.parentname,0)))-1 as dist\_ae,

sum(if(A.appid=35,1,0)) as ae\_lines,

sum(if(A.appid=41,A.durationseconds,0)) as q\_time,

sum(if(A.appid=38,A.durationseconds,0)) as p\_time,

sum(if(A.appid=3,A.durationseconds,0)) as e\_time,

sum(if(A.appid=35,A.durationseconds,0)) as ae\_time

from activity\_traces A, student\_info S

where A.`user` = S.`userid` and A.durationseconds > 0 and A.appid > -1

group by A.`user`

# Obtener tiempos promedio por cada actividad

Para obtener tiempos para Q y P:

select appid,applabel,activityname,topicname,avg(durationseconds)

from activity\_traces

where (appid=41 or appid=38) and appid > -1

group by activityname

order by topicorder,appid,activityname

Para ejemplos y animated examples debemos colapsar (agrupar por ejemplo) porque cada actividad registrada corresponde a una linea de un ejemplo. Para esto, crearemos primero una vista:

create view view\_avg\_ex\_time as

select appid,applabel,activityname,parentname,topicname,avg(durationseconds) as avgtime

from activity\_traces

where (appid=3 or appid=35) and appid > -1

group by parentname,activityname

order by topicorder,appid,parentname,activityname

Y luego una consulta a esta vista

select appid,applabel,topicname,parentname, sum(avgtime) from view\_avg\_ex\_time group by parentname