--Finding distinct users for each question

select question, count(distinct user\_id)

from survey

group by 1;

--Home try on funnel

select \*

from quiz

limit 5;

select \*

from home\_try\_on

limit 5;

select \*

from purchase

limit 5;

with funnel as (select distinct q.user\_id, h.user\_id is not null as 'is\_home\_try\_on', h.number\_of\_pairs, p.user\_id is not null as 'is\_purchase'

from quiz q

left join home\_try\_on h on q.user\_id = h.user\_id

left join purchase p on p.user\_id = q.user\_id

limit 10)

select count(\*) as 'num\_browse', sum(is\_home\_try\_on) as 'num\_is\_try\_on', sum(number\_of\_pairs) as 'num\_of\_pairs', 1.0\*sum(is\_home\_try\_on)/count(user\_id) as 'percent\_trying\_on', 1.0\* sum(is\_purchase)/count(user\_id) as 'percent\_purchase'

from funnel;\*/

select \*

from quiz

limit 5;

select \*

from home\_try\_on

limit 5;

select \*

from purchase

limit 5;

select color, count(color)

from purchase

group by color

order by 2 desc;

with funnel as (select distinct q.user\_id, h.user\_id is not null as 'is\_home\_try\_on', h.number\_of\_pairs, p.user\_id is not null as 'is\_purchase'

from quiz q

left join home\_try\_on h on q.user\_id = h.user\_id

left join purchase p on p.user\_id = q.user\_id

limit 10)

select count(\*) as 'num\_browse', sum(is\_home\_try\_on) as 'num\_is\_try\_on', sum(number\_of\_pairs) as 'num\_of\_pairs', 1.0\*sum(is\_home\_try\_on)/count(user\_id) as 'percent\_trying\_on', 1.0\* sum(is\_purchase)/count(user\_id) as 'percent\_purchase'

from funnel;