SELECT \*

FROM survey

LIMIT 10;

SELECT question, COUNT (\*), COUNT (distinct user\_id)

FROM survey

GROUP BY 1;

SELECT \*

FROM quiz

LIMIT 5;

SELECT \*

FROM home\_try\_on

LIMIT 5;

SELECT \*

FROM purchase

LIMIT 5;

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 number\_of\_pairs, sum(is\_purchase) as num\_purc, count(distinct user\_id) as num\_user from

(

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) f

group by number\_of\_pairs

SELECT DISTINCT q.user\_id,

CASE WHEN h.user\_id IS NOT NULL THEN 'True' ELSE 'False' END AS 'is\_home\_try\_on',

h.number\_of\_pairs,

CASE WHEN p.user\_id IS NOT NULL THEN 'True' ELSE 'False' END 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

product\_id, style, model\_name, color, price, COUNT (\*)

FROM purchase

GROUP BY 1,2,3,4,5;

SELECT style, fit, shape, color, COUNT (\*)

FROM quiz

GROUP BY 1,2,3,4

ORDER BY 5 DESC

LIMIT 10;