Question 1

Select \*

From survey

Limit 10;

Question 2

Select Count (distinct user\_id), question

From survey

Group by question;

Question 3

Excel Spreadsheet

Question 4

Instructions

Question 4

Select \*

From quiz

Limit 5;

Select \*

from home\_try\_on

limit 5;

Select \*

From Purchase

Limit 5;

Question 5

select distinct b.user\_id,

c.user\_id is not null AS 'is\_home\_try\_on',

c.number\_of\_pairs,

p.user\_id is not null AS 'is\_purchase'

from quiz As 'b'

left join home\_try\_on As 'c'

on c.user\_id = b.user\_id

left join purchase As 'p'

on p.user\_id = c.user\_id;

Question 6

WITH funnels AS (select distinct b.user\_id,

c.user\_id is not null AS 'is\_home\_try\_on',

c.number\_of\_pairs,

p.user\_id is not null AS 'is\_purchase'

from quiz As 'b'

left join home\_try\_on As 'c'

on c.user\_id = b.user\_id

left join purchase As 'p'

on p.user\_id = c.user\_id),

final\_funnel AS (Select user\_id,

CASE

WHEN is\_home\_try\_on = 1 THEN 'True'

ELSE 'False' END As is\_home\_try\_on,

CASE

WHEN is\_purchase = 1 THEN 'True'

ELSE 'False' END As is\_purchase,

CASE

WHEN number\_of\_pairs = '3 pairs' THEN '3'

WHEN number\_of\_pairs = '5 pairs' THEN '5'

ELSE 'NULL' END AS number\_of\_pairs

FROM funnels)

SELECT count (Distinct user\_id),

number\_of\_pairs,

is\_purchase, is\_home\_try\_on

from final\_funnel

group by number\_of\_pairs;