Question 1: What is the count of each gender on each flight?

select f.flight\_id, c.gender, count(\*) gender\_count

from p\_customer c

join p\_reservations\_fact r

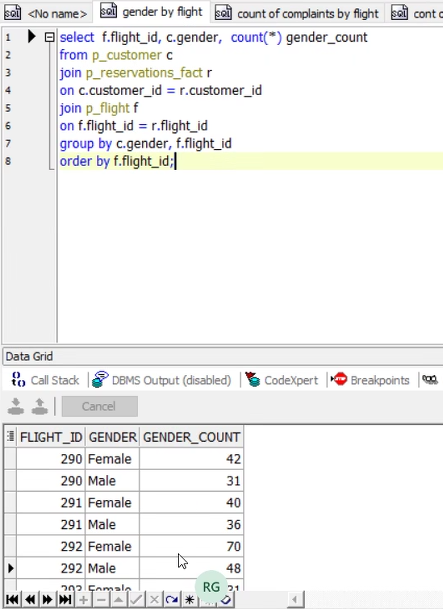
on c.customer\_id = r.customer\_id

join p\_flight f

on f.flight\_id = r.flight\_id

group by c.gender, f.flight\_id

order by f.flight\_id;

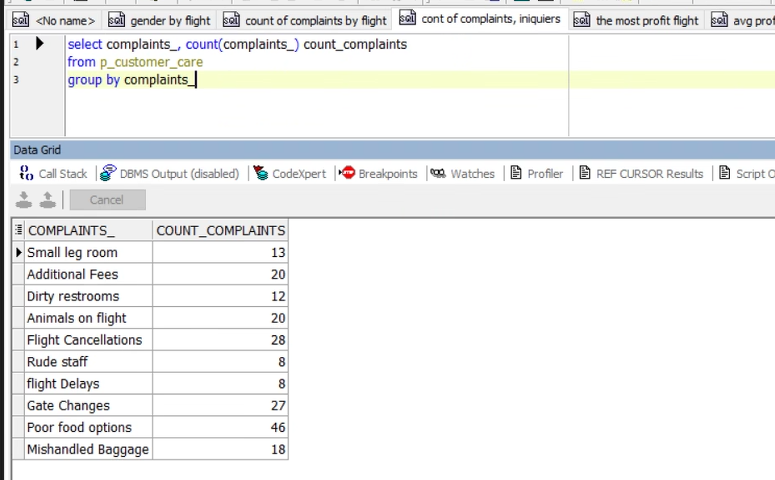


Question 2: What is the count of customer complaints?

select complaints\_, count(complaints\_) count\_complaints

from p\_customer\_care

group by complaints\_;



Question 3: What is the count of customer complaints and inquiries per flight?

select f.flight\_id, cc.complaints\_, cc.inquiries,count(cc.complaints\_) count\_complaints, count(cc.inquiries) count\_nquiries

from p\_customer\_care cc

join p\_customer\_care\_fact cf

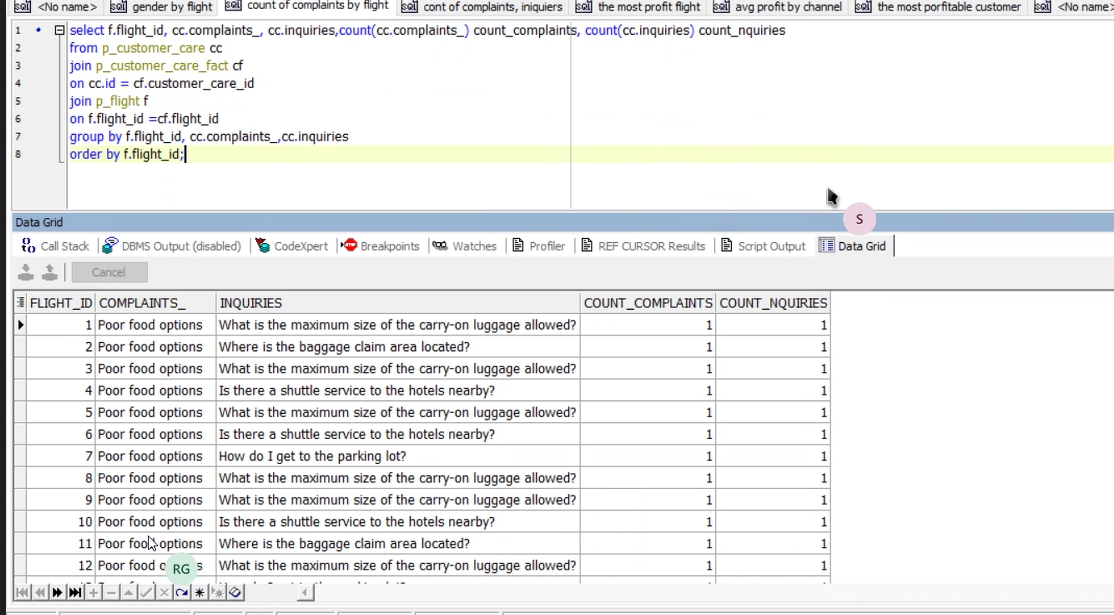
on cc.id = cf.customer\_care\_id

join p\_flight f

on f.flight\_id =cf.flight\_id

group by f.flight\_id, cc.complaints\_,cc.inquiries

order by f.flight\_id;



Question 4: What is the highest profitable flight?

select \*

from

(select f.flight\_id, sum(r.profit) flight\_profit

from p\_flight f

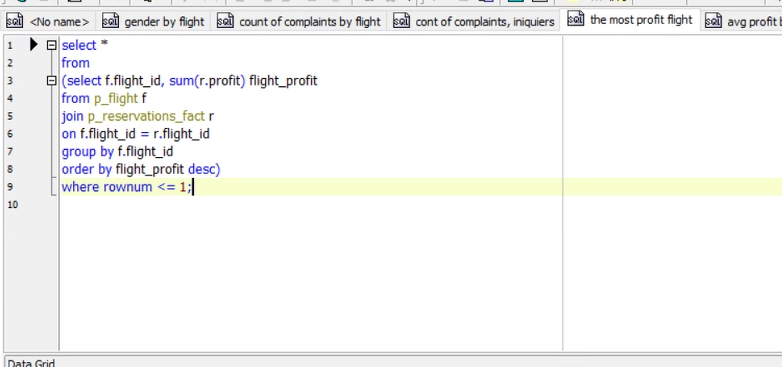
join p\_reservations\_fact r

on f.flight\_id = r.flight\_id

group by f.flight\_id

order by flight\_profit desc)

where rownum <= 1;



Question 5: What is the average profit for each channel?

select c.name, avg(rf.profit) avg\_profit

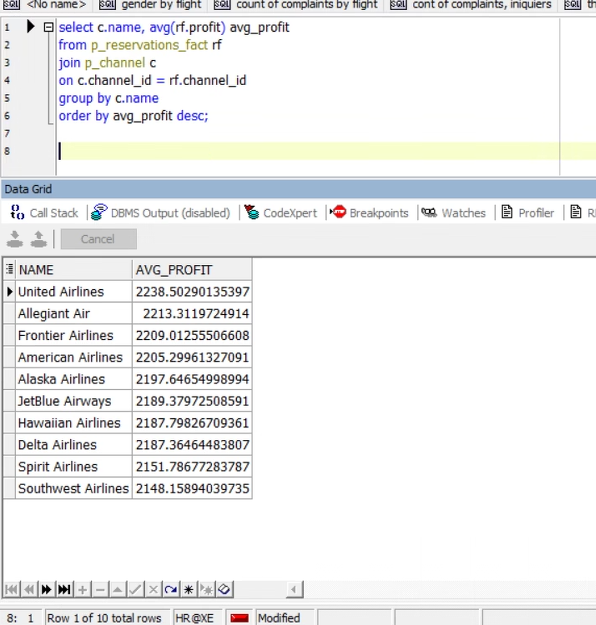
from p\_reservations\_fact rf

join p\_channel c

on c.channel\_id = rf.channel\_id

group by c.name

order by avg\_profit desc;



Question 6: Who is the customer that delivers the most profit?

select \*

from

(select c.customer\_id, c.first\_name || ' ' || c.last\_name name, sum(r.profit) highest\_profit

from p\_customer c

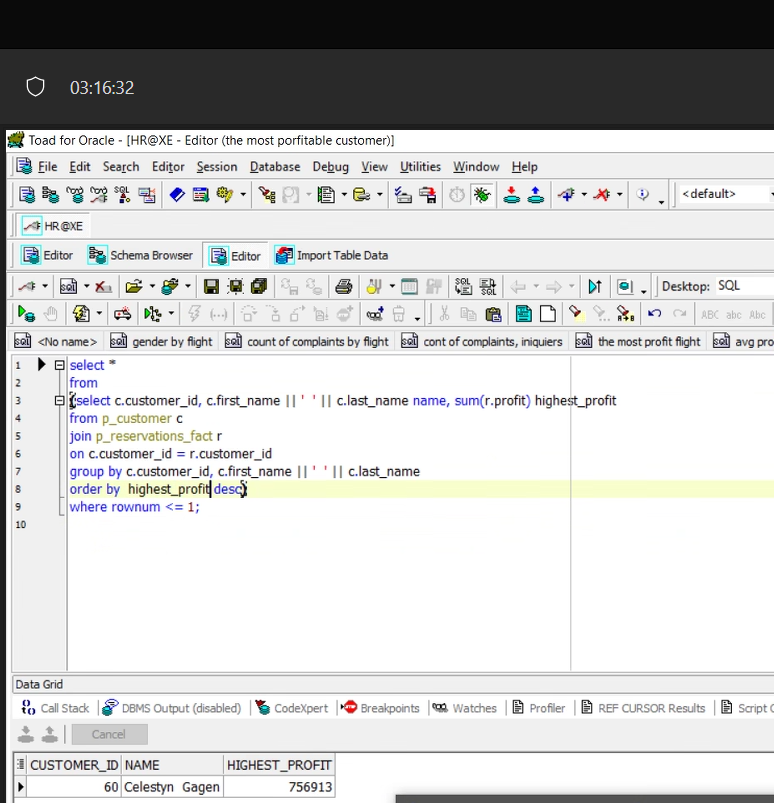
join p\_reservations\_fact r

on c.customer\_id = r.customer\_id

group by c.customer\_id, c.first\_name || ' ' || c.last\_name

order by highest\_profit desc)

where rownum <= 1;



Question 7: How many tickets are being reserved by class?

select fb.fare\_basis\_code, count(c.customer\_id) No\_TICTS

from p\_fare\_basis fb

join p\_flight f

on f.code = fb.fare\_basis\_code

join p\_marketing\_fact m

on m.flight\_id = f.flight\_id

join p\_customer c

on m.customer\_id = c.customer\_id

group by fb.fare\_basis\_code ;

