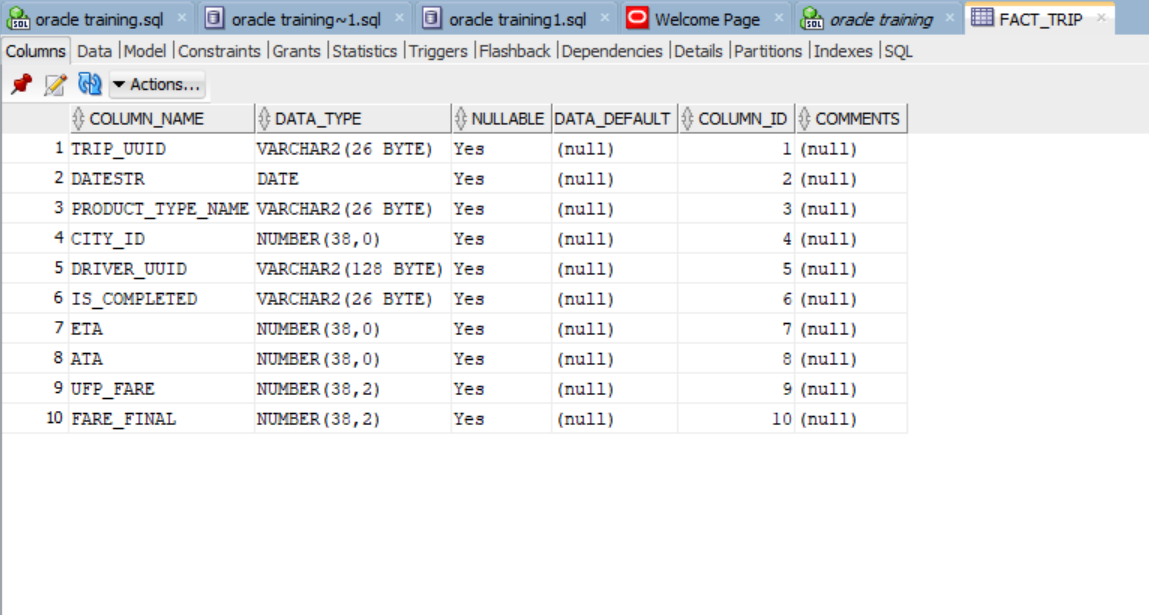
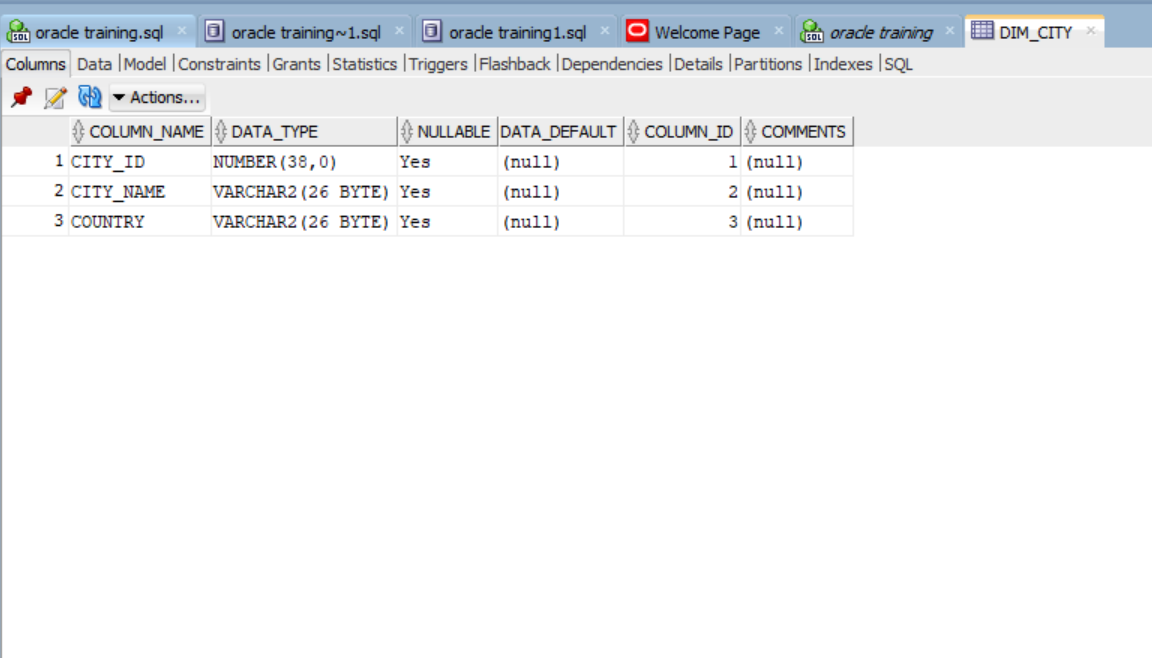
# INTRODUCTION:

Uber is a prominent Taxi Aggregator that caters to commuters needs. Commuters can use Uber app to request a taxi for their commute needs. With ever increasing smart phones, Uber has become a go to option for most of the travellers

# A BRIEF DESCRIPTION OF THE DATA USED:

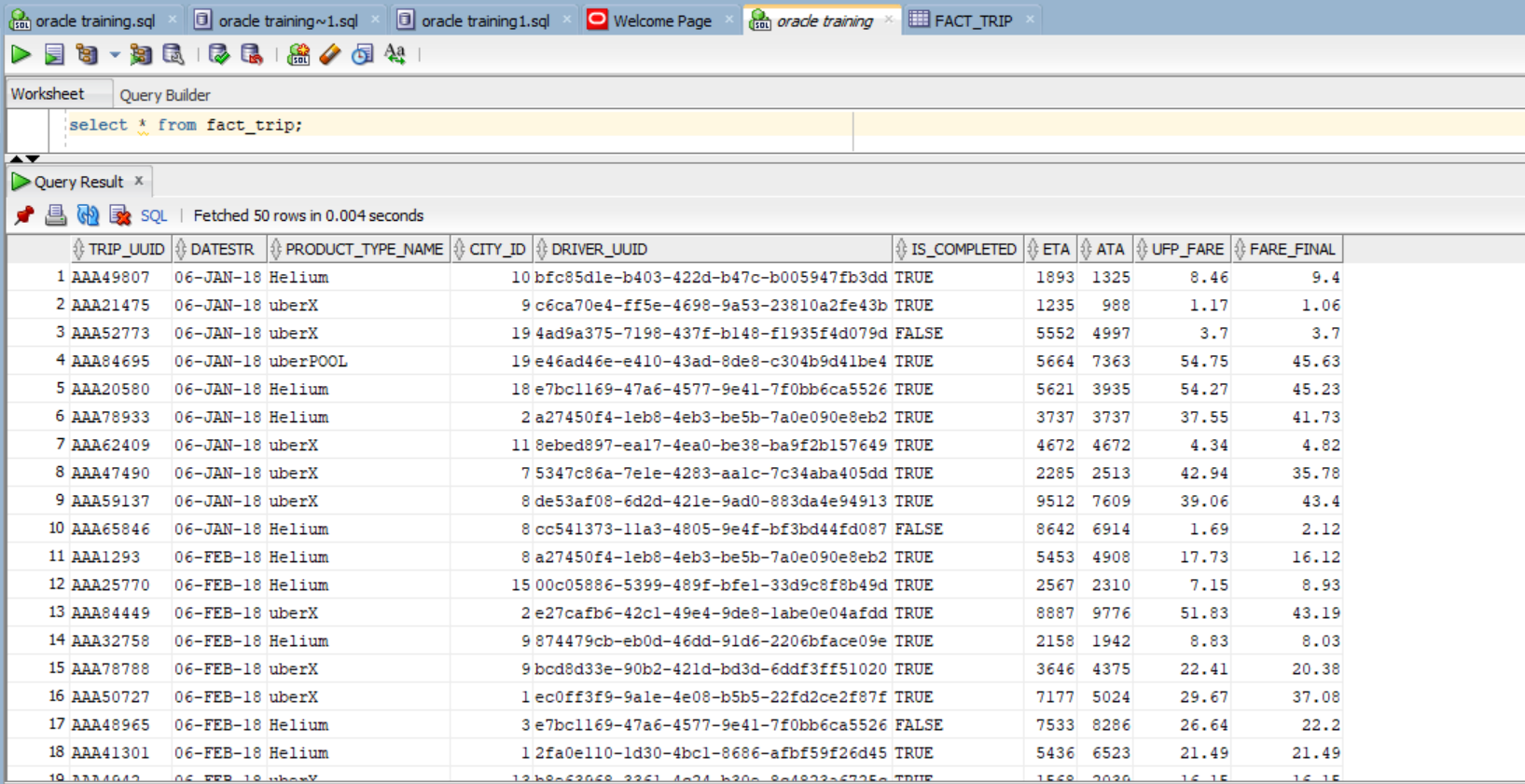
We are having two data sets 1. dim city and 2. fact trip, in the fact table we can see 3 columns City\_id, city name, country. And in the fact trip we have trip\_uuid, datastr, product \_type \_name, city\_id, driver\_uuid, is\_completed, ETA, ATA, UFF\_fare, fare final this columns will provide all the data by using the this 2 data sets we can solve the customer requiements,and Uber provides services across lot of cities and there are various products catered to the traveller’s needs. Uber seeks our help to understand which of the products are profitable and how many times were they able to meet the ETA so they can fine tune the service offerings.

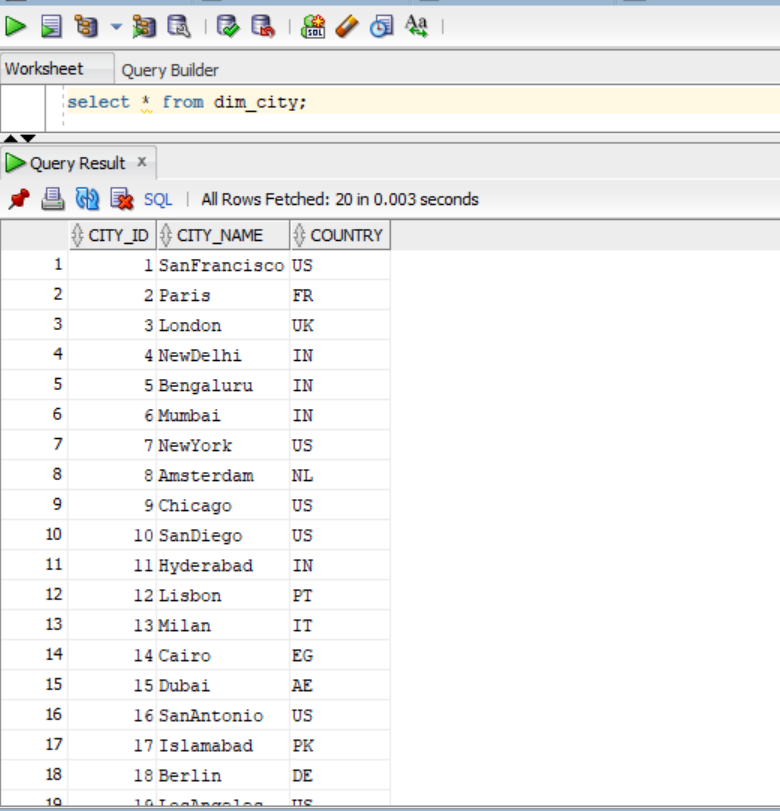




**Anomalies**:

In the given data set I didn’t get any anomalies.



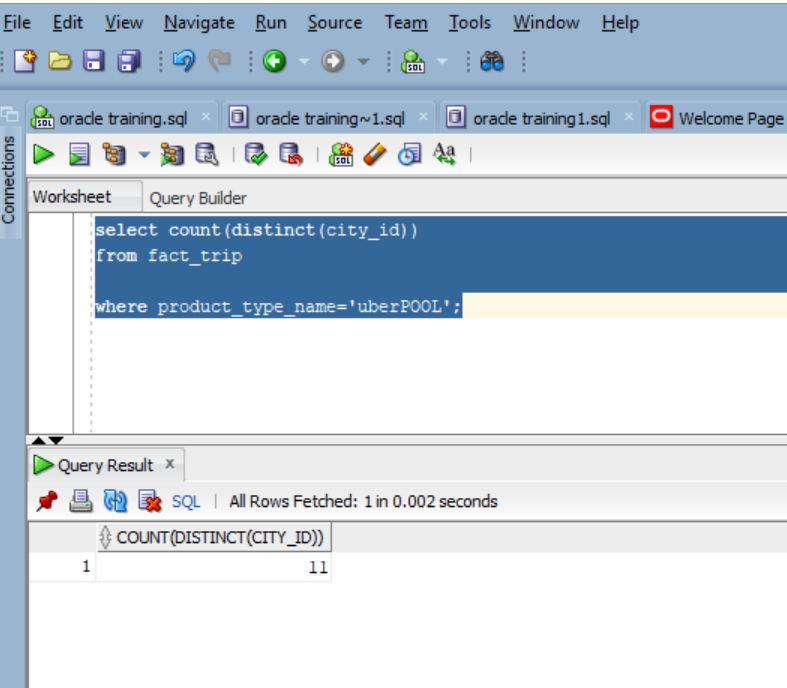


Query’s &outputs:

a. How many city\_ids does uberPOOL operate in? select count(distinct(city\_id))

from fact\_trip

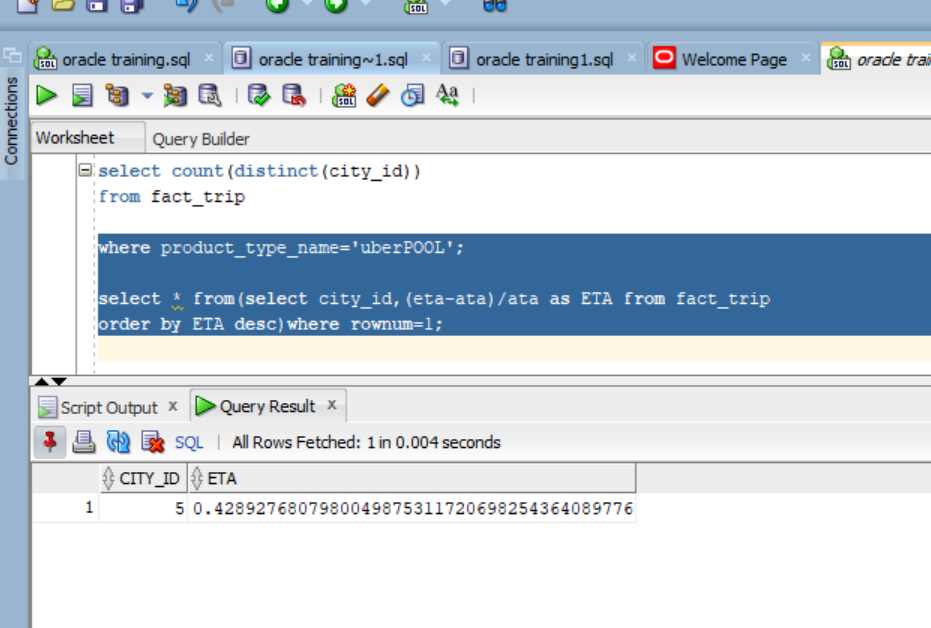
where product\_type\_name='uberPOOL';



b.Which city\_id has the highest error in ETA (where error in ETA = {(eta - ata)/ata}) for the given time period?

select \* from(select city\_id,(eta-ata)/ata as ETA from fact\_trip

order by ETA desc)where rownum=1;



c.Which is the product type with highest total revenue in SanFrancisco?

select \* from (SELECT \* FROM

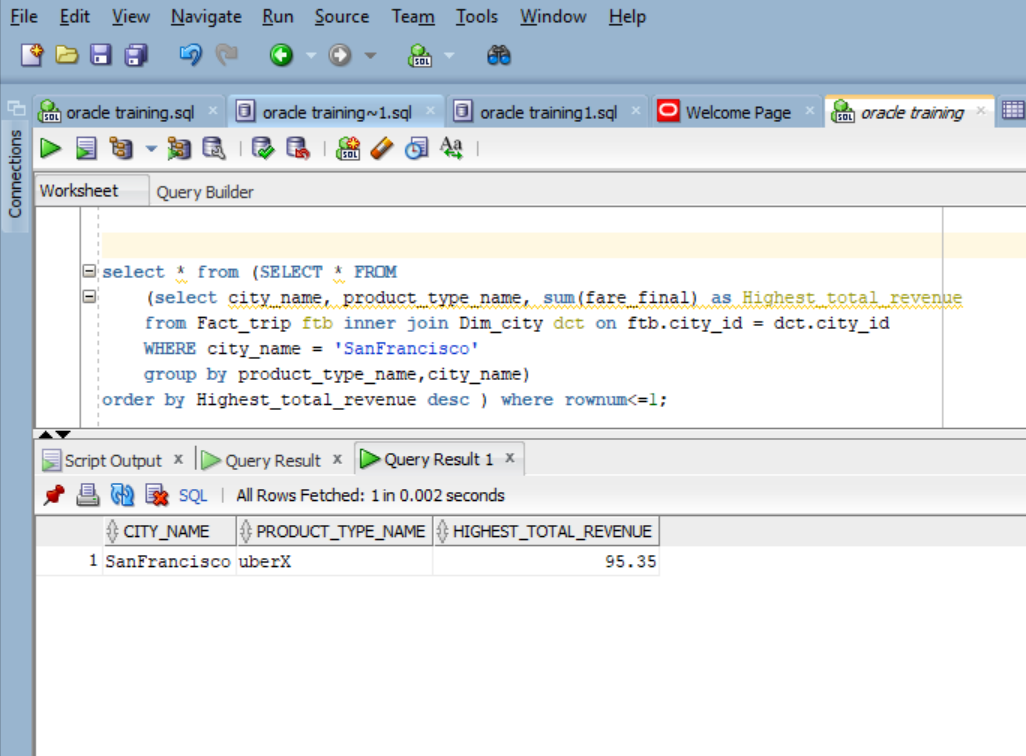
(select city\_name, product\_type\_name, sum(fare\_final) as Highest\_total\_revenue

from Fact\_trip ftb inner join Dim\_city dct on ftb.city\_id = dct.city\_id

WHERE city\_name = 'SanFrancisco'

group by product\_type\_name,city\_name)

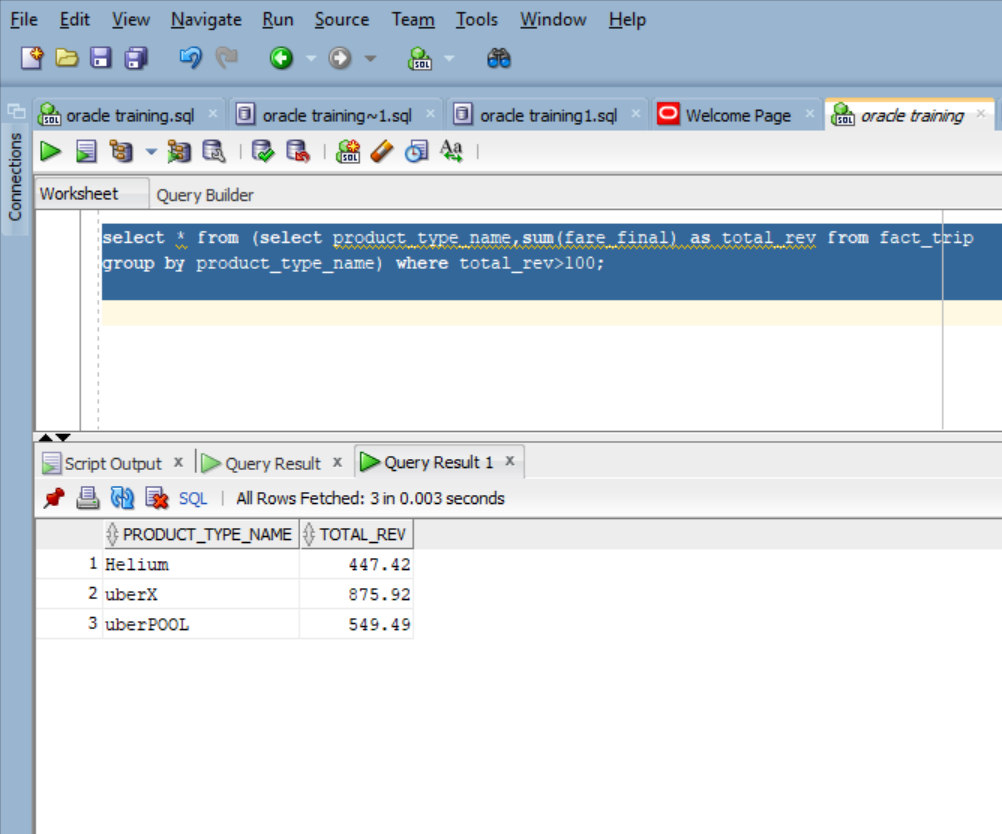
order by Highest\_total\_revenue desc ) where rownum<=1;



d.Which are the products in each city where total revenue(fare\_final) > $1000?

select \* from (select product\_type\_name,sum(fare\_final) as total\_rev from fact\_trip

group by product\_type\_name) where total\_rev>100;



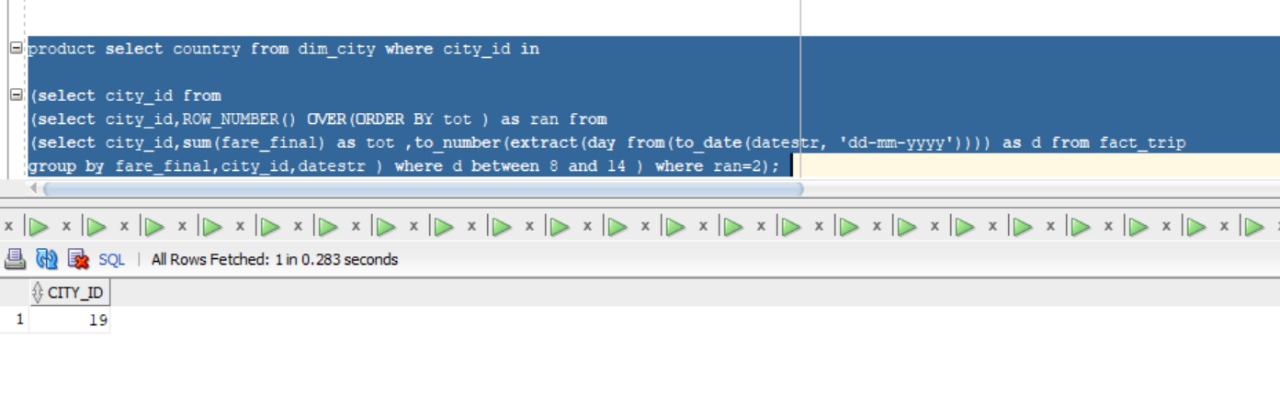
e.Get to 2nd highest country by Uber Revenue (fare\_final) for 2nd week of June 2018 across product select country from dim\_city where city\_id in

(select city\_id from

(select city\_id,ROW\_NUMBER() OVER(ORDER BY tot ) as ran from

(select city\_id,sum(fare\_final) as tot ,to\_number(extract(day from(to\_date(datestr, 'mm-dd-yyyy')))) as d from fact\_trip

group by fare\_final,city\_id,datestr ) where d between 8 and 14 ) where ran=2) ;



f.Get WOW growth % for US region for June Month. WOW- Week over week .

select

(((select sum(fare\_final) from fact\_trip where to\_char(datestr, 'W')=1)

* (select sum(fare\_final) from fact\_trip where to\_char(datestr, 'W')=2))

/ (select sum(fare\_final) from fact\_trip where to\_char(datestr, 'W')=1)) \* 100 as "Growth%" from fact\_trip where to\_char(datestr,'W')=2 group by to\_char(datestr,'W');

