Submission

A document file containing

A brief description of your understanding of data

INTRODUCTION:

Uber is a prominent Taxi Aggregator that caters to baesd upon commuters needs. Commuters can uses 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:

Here we are having two data sets Dim_city and and fact_trip where Dim_city is a dimension which lists all the cities that Uber provides services to. Fact_trip provides details of all the trip transactions. In the dim_city we are having 3 columns City_id, city_name, country. And in the fact_trip we are having 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 this 2 data sets we can solve the customer requirements, 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.

B. Any anomalies you identified in the provided dataset and a brief description of how you identified them and why do you think they are anomalies

There is no anomolies

Queries you have written including the DDLs

A

```
select count(d.city_id) from dim_city d,fact_trip f
where d.city_id=f.city_id and product_type_name='uberPOOL';
```

B

```
select city_id,(eta-ata)/ata as  a from fact_trip where rownum=1 order by a ;
```

C

```
select * from(select product_type_name,fare_final from fact_trip order by fare_final desc) where rownum=1;
```

D

```
select * from (select product_type_name,sum(fare_final) as total_rev
from fact_trip
group by product_type_name) where total_rev>1000;

<<<<<<<<<<by total_rev>1000 there is no records>>>>>>>>>>
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

```
select * from(select d.country, f.fare_final, rownum as rank from dim_city d join fact_trip f on d.city_id=f.city_id where
to_char(datestr, 'W')=2 order by 2) where mod(rank, 2)=0;
```

F

```
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');
```

G

```
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 dual;
```

Results to the queries above

A

	COUNT(D.CITY_ID)
1	16

B.

	CITY_ID	A
1	10	0.428679245283018867924528301886792452830

C.

	PRODUCT_TYPE_...	FARE_FINAL
1	uberX	49.31

D.

BY USING total_rev>1000 THERE IS NO RECORDS IF WE USE 100 WE CAN GET SOME RECORDS

	PRODUCT_TYPE_NAME	TOTAL_REV
1	Helium	447.42
2	uberX	875.92
3	uberPOOL	549.49

E.

SQL | All Rows Fetched: 1 in 0.005 seconds

	COUNTRY
1	US

F.

	Growth%
1	96.321914800175669740887132191480017566 97

G.

	Growth%
1	96.321914800175669740887132191480017566 97