**1. Business Context**

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

**2. Business Problem Understanding**

Uber provides services across lot of cities and there are various products catered to the traveller’s needs. Uber seeks your 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.

**3. Data Understanding**

There are two data sets – Fact\_trip and Dim\_city. As you learnt in DW concepts, Fact\_trip provides details of all the trip transactions.

Dim\_city is a dimension which lists all the cities that Uber provides services to.

**4. Expected Outcomes**

You are expected to the following activities and find out the answers to following questions.

1. Use SQL\* Loader to load the all the files to an Oracle Database table
2. Create the table structure with appropriate data types before loading with SQL Loader
3. Answer the following questions
   1. How many city\_ids does uberPOOL operate in?
   2. Which city\_id has the highest error in ETA (where error in ETA = {(eta - ata)/ata}) for the given time period?
   3. Which is the product type with highest total revenue in SanFrancisco?
   4. Which are the products in each city where total revenue(fare\_final) > $1000?
   5. Get to 2nd highest country by Uber Revenue (fare\_final) for 2nd week of June 2018 across product
   6. Get WOW growth % for US region for June Month. WOW- Week over week .
   7. Growth % = ((Current week fare final - previous week fare final) / previous week fare final) \* 100
4. **Submission**

A document file containing

* 1. A brief description of your understanding of data
  2. 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
  3. Queries you have written including the DDLs
  4. Results to the queries above

**Drop me a note at** [**Naveen.arigapudi@kpipartners.com**](mailto:Naveen.arigapudi@kpipartners.com) **if you have any questions**