Question 1

Campaign Managers want to launch a campaign for Ramadan, but they ask the Data team to provide a report about the situation of Tehran to target the suitable vendors and customers for this Campaign.

now as a member of the Data Team, you should examine the situation of Tehran and suggest which Areas, Services and Vendors are suitable for targeting and why.

Note:

Three files have given

1. DataSet.csv is a historical data:
    a. Delivered at is the actual time that our biker has arrived to our customer location
    b. Expected Delivery time is the time that we estimate our biker should arrive at customer location
    c. at Restaurant at is the time that our biker has arrived to the restaurant location
    d. Time to Arrive is the time that our biker should arrive at restaurant location
2. Service.csv is Service Names
3. Areas.csv is Area names

Food!

Question 2

Consider that each vendor and customer have a specific area and our express trips deliver the order from source area (vendor) to destination area (customer). Each one of our bikers are assigned to a specific area and under normal circumstances they only deliver the orders of that single area. But If vendor and customer areas are different we call it **"Shoot Out"** and our biker should get out of his area (which is vendor area) to deliver the customer order. It is obvious that if both vendor and customer areas are the same it is a regular trip.

Now as a Data Analyst, you should compare this two types of delivery and recognize the probable issues.

Note:

Shootout Dataset has given to you for this question

Here is the description of the related dataset:

- First Assign is the first time that we find a biker to deliver the order
- Accepted is the time that the biker accepted the order to deliver
- At Restaurant is the time that biker has arrived at restaurant location
- Time to Arrive is the time that biker should arrive at restaurant location
- Delivered at is the time that biker delivered the order to customer
- Expected Delivery Time is the time that biker should arrive to customer location
- Source Area is the area of the vendor
- Des Area is the area of the customer
- Biker To Restaurant Distance is the distance between biker and vendor when the biker has accepted the trip to deliver the order

You can use programming languages like Python, R, SQL