

Uber Data Analysis

Major Time Slot when the Demand is High

1. In this plot, we see that the time slots between 5.00 to 9.00 and 17.00 to 21.00 are particularly busy with more demand.

2. Request Incompletion are due to 2 factors: trip cancellation and due non-availability of cars

a. Here when we look at bar chart we see that trip cancellation is more in cities than airport. Similarly there is more non-availability for airport trips than city trips

b. From time graph we see there is lot trip cancellation and non-availability during 4am to 9am and between 5pm to 10 pm

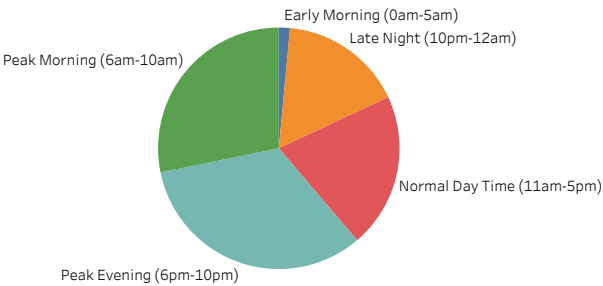
3. We observe:

- Demand or Total Requests = 6745

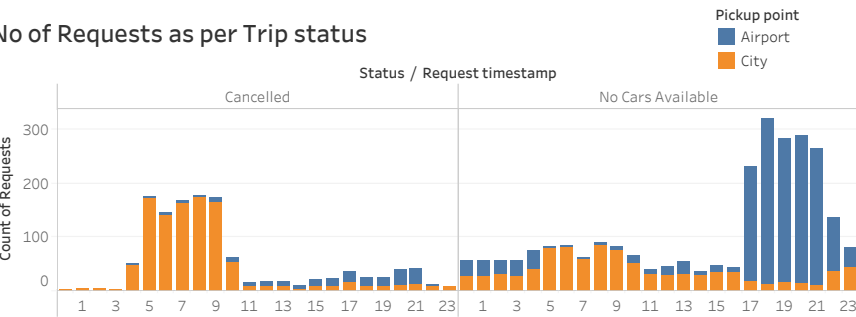
- Supply or Trips Completed = 2831

- Gap = 3914

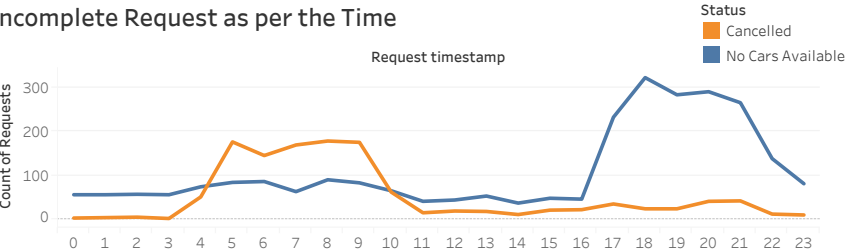
Clearly, we see a big Gap in supply from the plot.



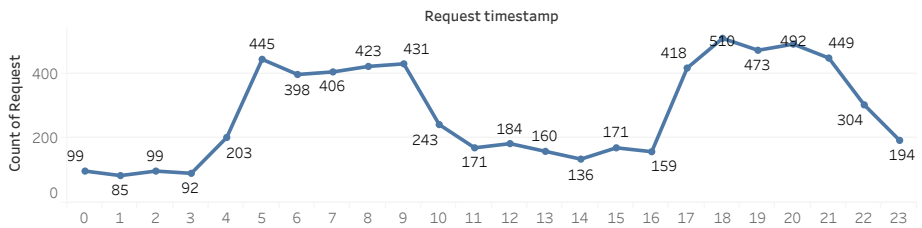
No of Requests as per Trip status



Incomplete Request as per the Time



Request per Hours



Supply Demand Relationship

