Tableau screen shots

Q1

Chart, bar chart

Description automatically generated

Q2

Graphical user interface

Description automatically generated with medium confidence

Caption: **factors that impact the incomplete requests are either the cab is cancelled or there is no car available at that time**

**because trips completed trips are 2831 while trips not completed due to cancellation is 1264 and due to no car available is 2650**

**From previous chart We observed that in the Peak Morning Slot where the demand for City to Airport trips are high, there are maximum number of trip cancellations leading to great Gap in the Demand & Supply.**

**The Reason for the Issue of the Supply-Demand Gap**

**Peak Morning Slot Problem**

**1.We observed that in the Peak Morning Slot where the demand for City to Airport trips are high, there are maximum number of trip cancellations leading to great Gap in the Demand & Supply.**

**2.This is because the trip to Airport from the City usually takes a longer time. Once the driver is in the Airport, he will have a longer idle time depending on the on the flights patterns. In the mornings, a lot of flights usually leave the city and less flights arrive. Also, it doesn’t make any economical sense to come back empty from the Airport to the City.**

**3.All these factors lead to high cancellation rate for trips from City to Airport.**

**Peak Evening Slot Problem**

**1.We observed that in the Peak Evening Slot where the demand for Airport to City trips are high, there are maximum number of “No Cars Available” leading to great Gap in the Demand & Supply.**

**2.This is because by the night, a lot of flights including the international ones start arriving at the airport. This creates a high demand for the cars. Also, the Uber driver partners start retiring for the day as the dawn proceeds leading to a high non availability of the cars.**

**3.These factors lead to high “No Cars Available” issue for trips from Airport to City.**

**Recommendations to Resolve the Supply-Demand gap.**

**1.Uber should provide higher monetary incentives for driver taking a Peak Morning trip from City to Airport.**

**2.Setting targets for drivers to take up the City to Airport or Airport to City trips and then suitably rewarding them through lucky draw schemes, gift vouchers.**

**3.Incentivize Airport to City trips in the night so that more drivers from the City reach the Airport thus increasing the availability of the cars.**

**4.Ask its drivers to not retire from services early in the evening.**

**5.Conduct orientation classes for drivers and let them know about the insights obtained analysis of this problem so that the drivers know where to be at what time of the day.**

**Q3**

Graphical user interface

Description automatically generated with low confidence

Graphical user interface, chart, application, Excel

Description automatically generated

Power bi screen shots

Q1

Graphical user interface, application, PowerPoint

Description automatically generatedq2

Graphical user interface, application, PowerPoint

Description automatically generated

Q2 b

Graphical user interface, application, PowerPoint

Description automatically generated

Q3 Graphical user interface, application, table, Excel, PowerPoint

Description automatically generated