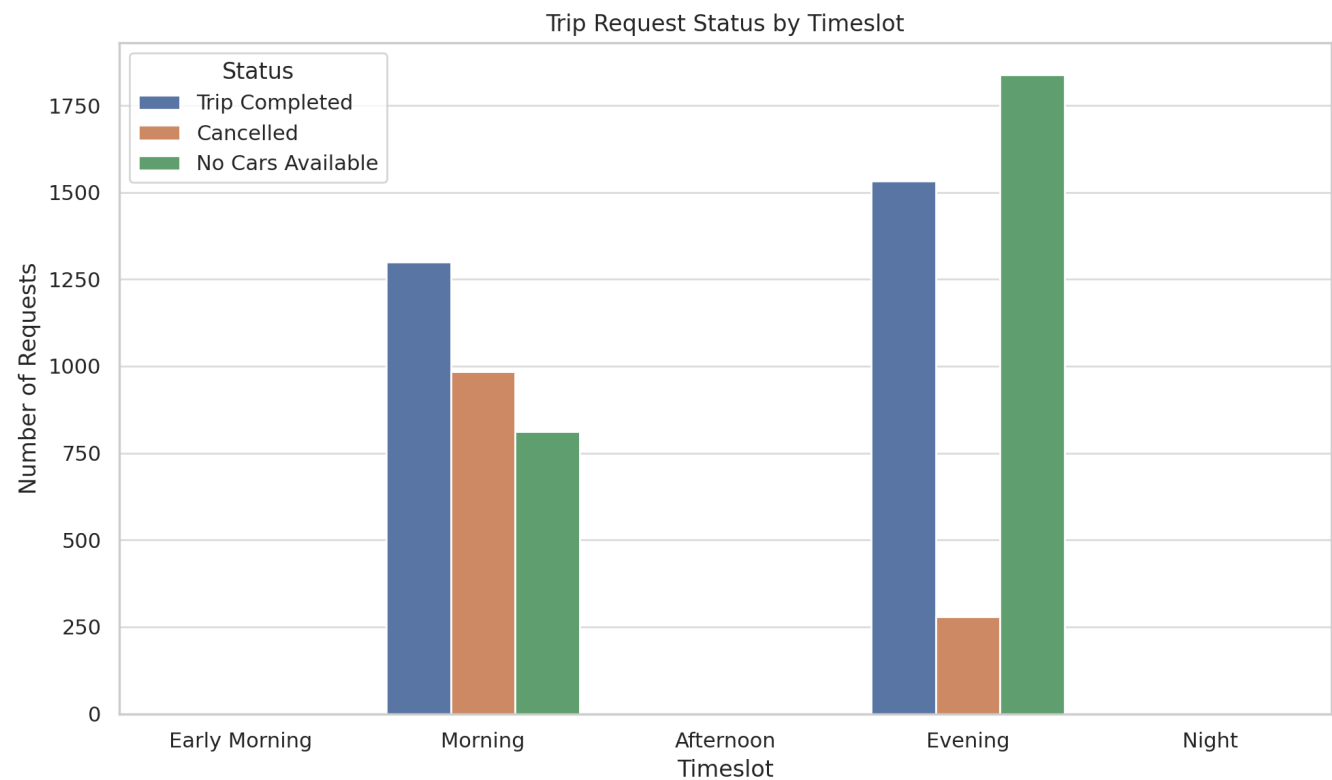


Uber Cab Demand and Supply Gap Analysis

Summary of Findings

The analysis of Uber ride request data reveals a persistent gap between cab demand and availability. This imbalance is particularly prominent during the Night and Early Morning timeslots, especially for requests originating from the Airport. Trips are often not completed either due to driver cancellations or complete unavailability of cabs.

Trip Status Across Timeslots

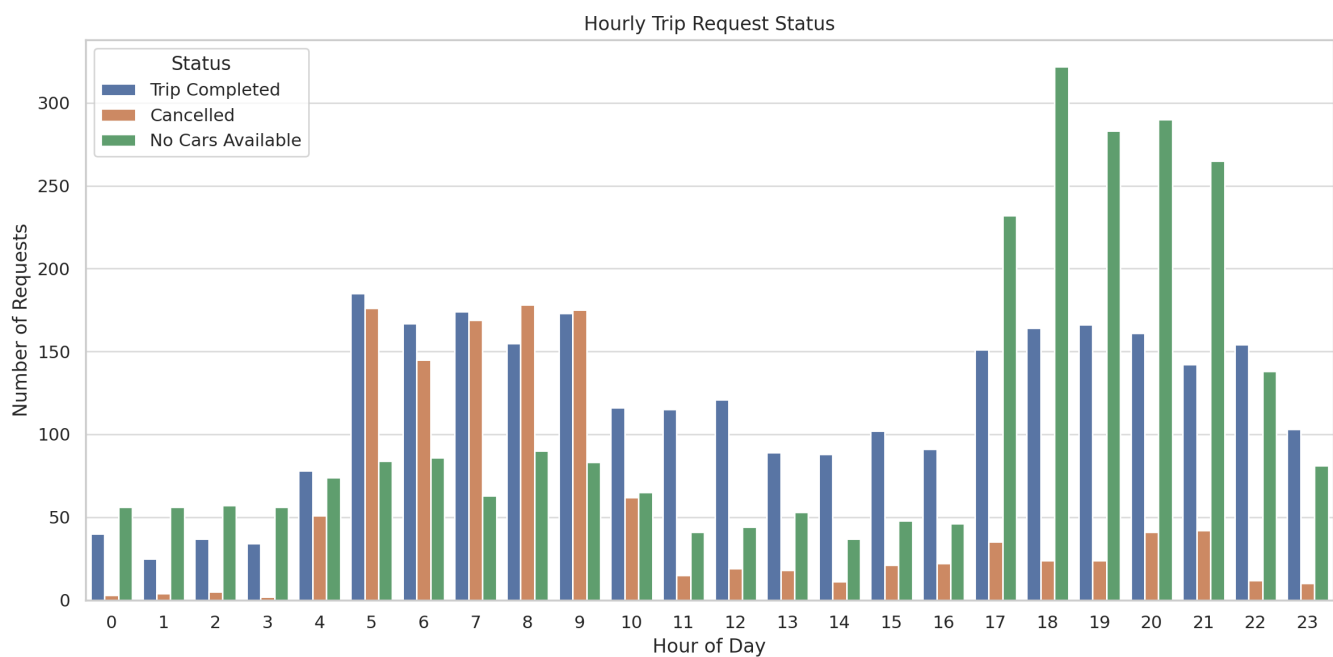


Trip Status by Pickup Point

Uber Cab Demand and Supply Gap Analysis



Hourly Request Status



Key Observations

- Cab unavailability peaks during Night hours, especially from Airport to City.
- Driver cancellations are high during Early Morning and Morning periods.
- City pickups face fewer issues compared to Airport pickups.
- The majority of 'No Cars Available' cases are clustered late at night.

Uber Cab Demand and Supply Gap Analysis

Proposed Solutions

- Introduce rush-hour incentives for drivers during high-demand periods (Early Morning and Morning).
- Assign more drivers to Night shifts, especially for Airport routes.
- Use predictive analytics to deploy drivers proactively based on historical demand trends.
- Offer flexible driver schedules to increase availability in low-supply hours.