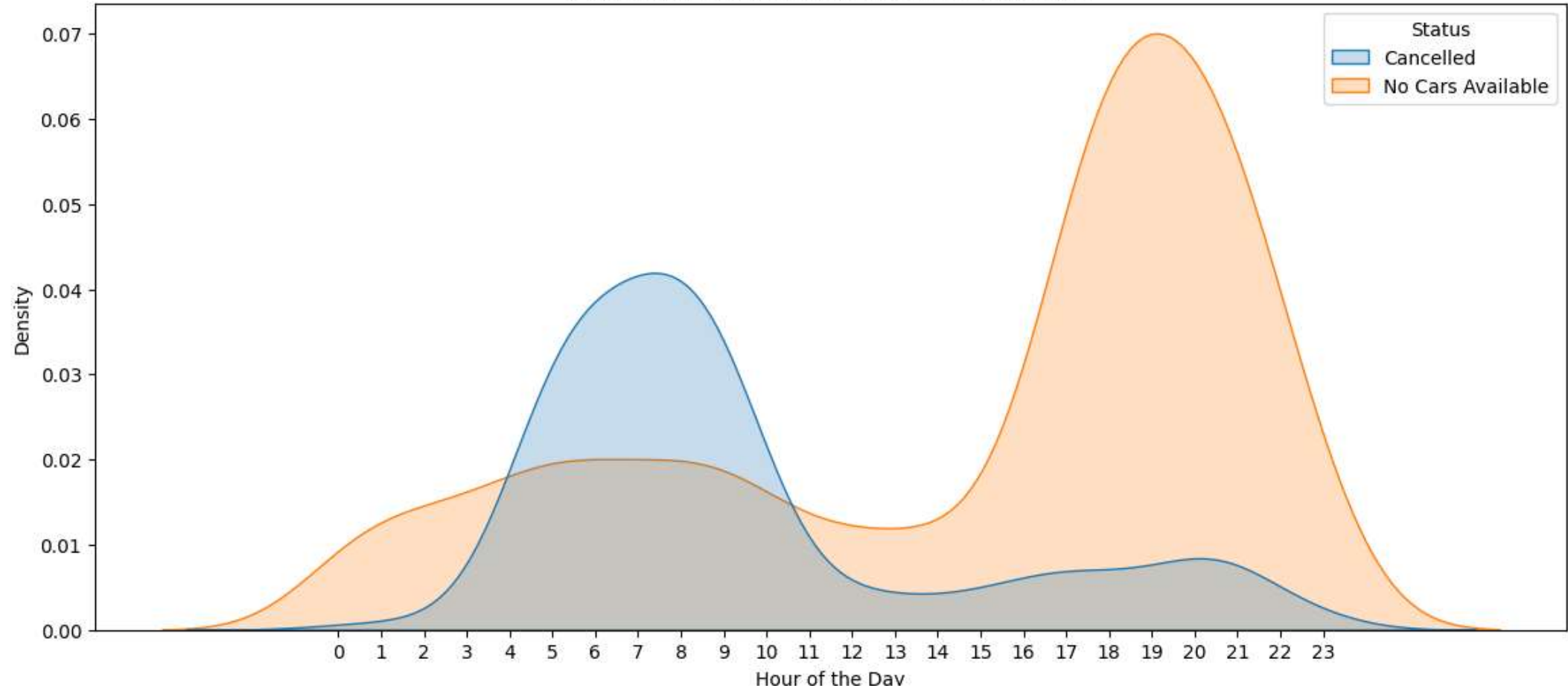


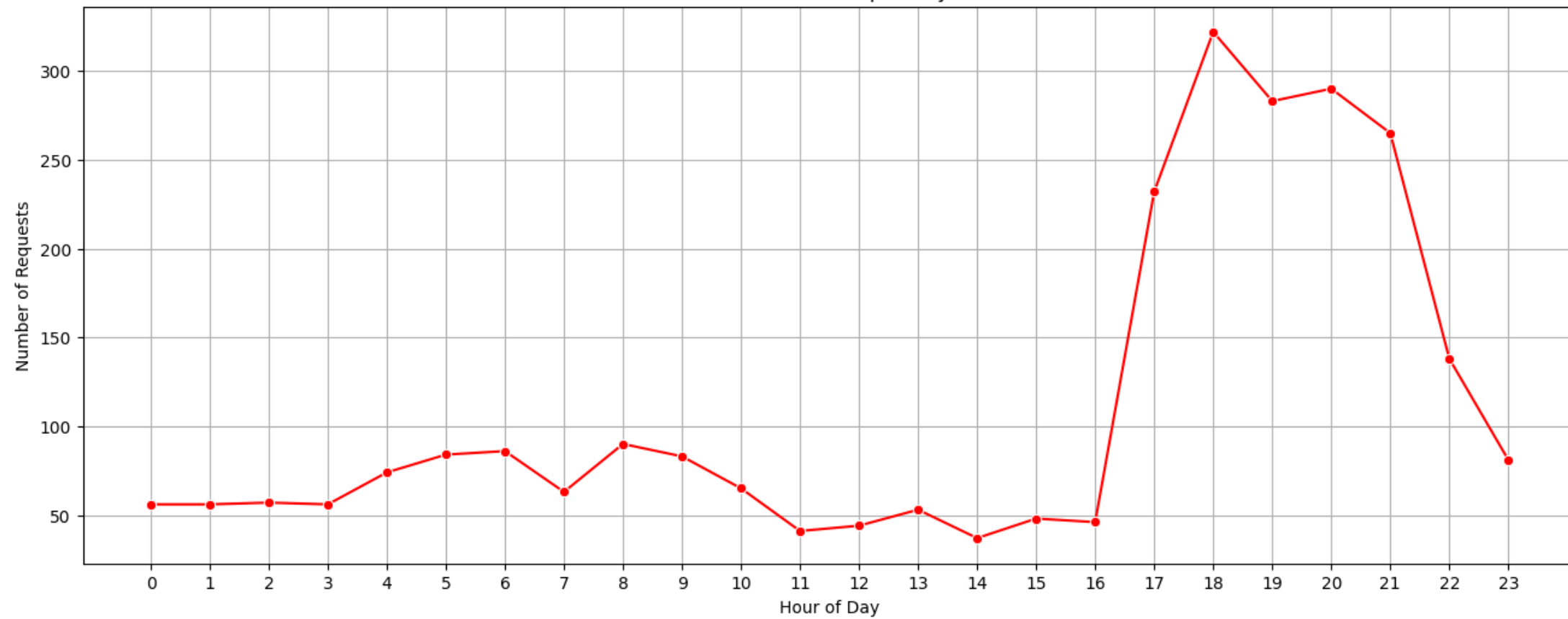
# Uber Supply Demand Gap

- Give drivers bonuses to work during busy hours and use past data to plan better.
- Make sure enough drivers are available at both the City and the Airport when needed.
- Below are the analysis and solutions we provide.

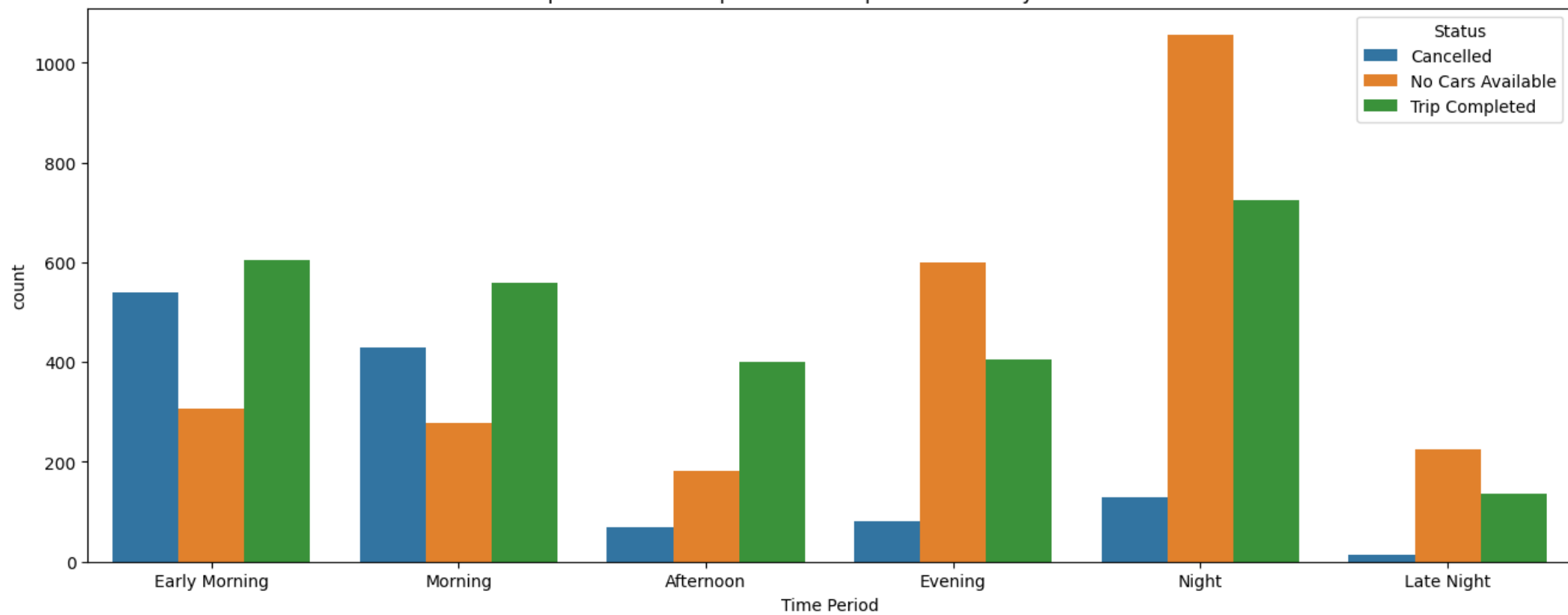
Distribution of Incomplete Trip Hours by Status



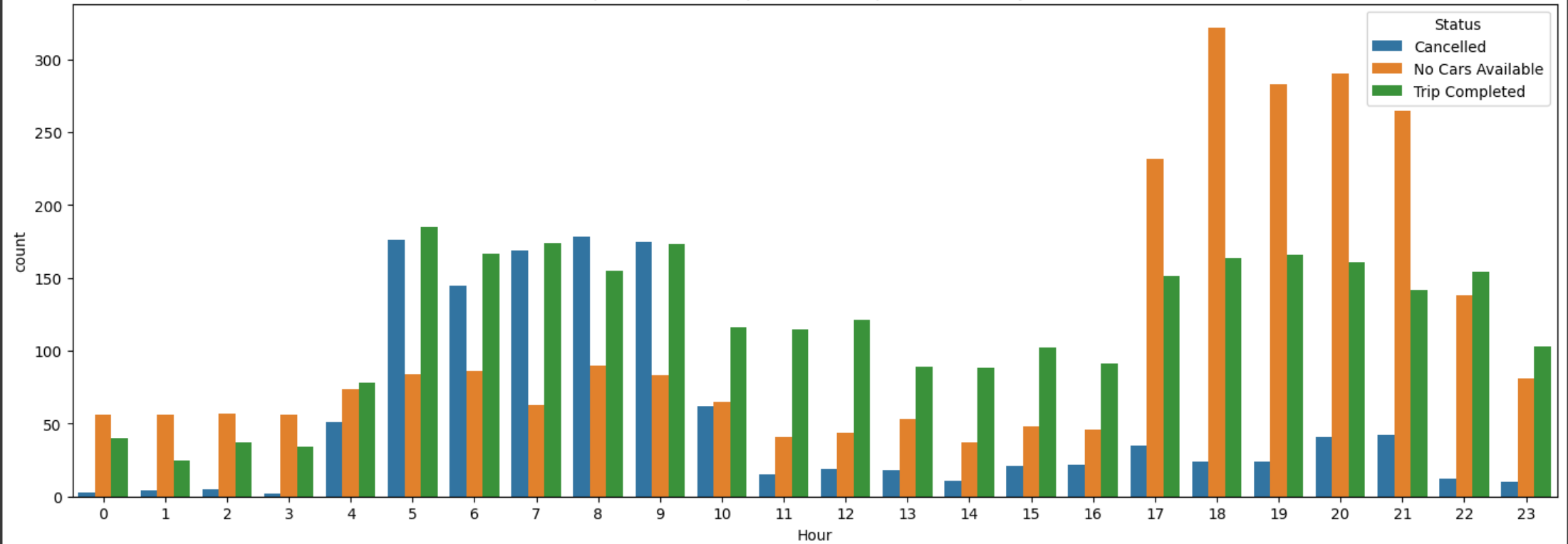
No Cars Available Request by Hour

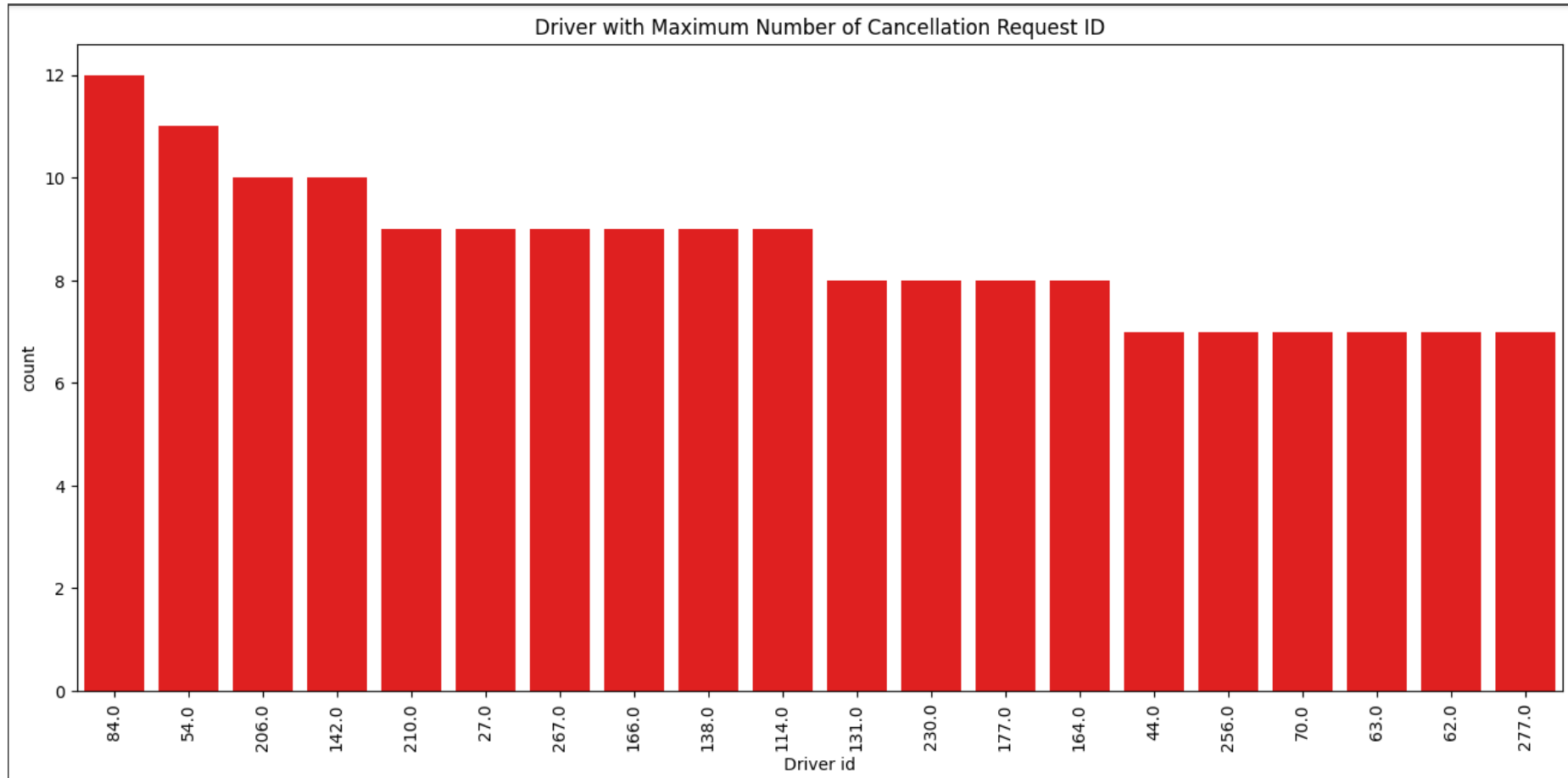


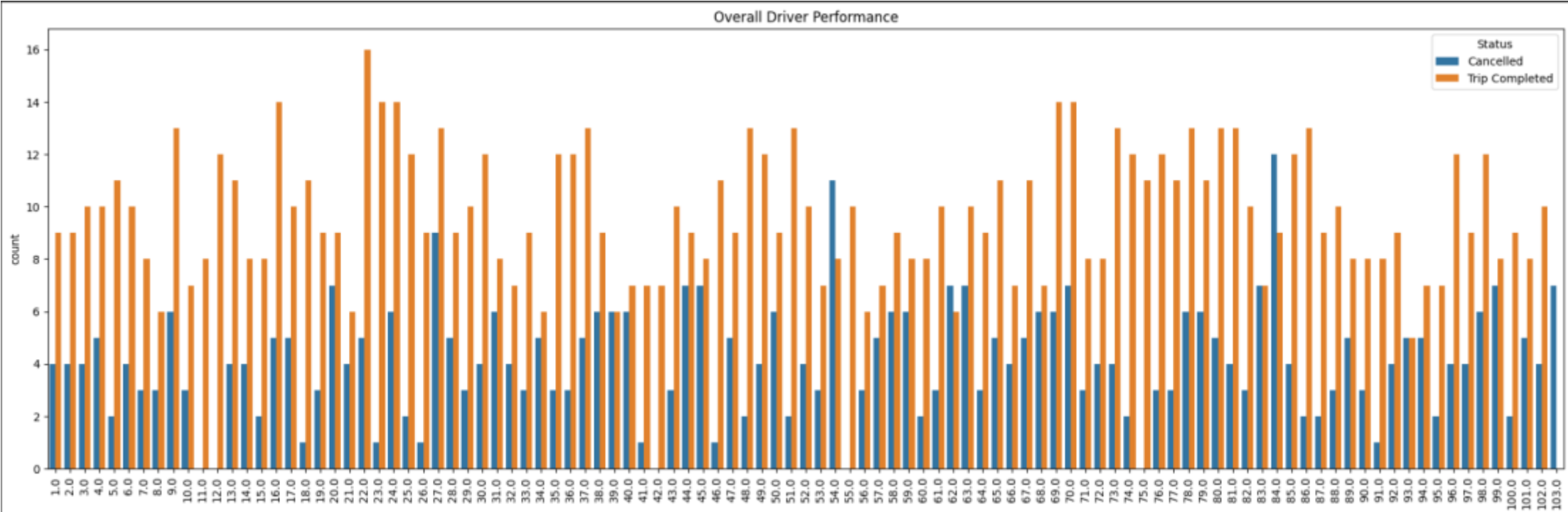
Comparision of Incomplete and Complete demand by Time Peroid

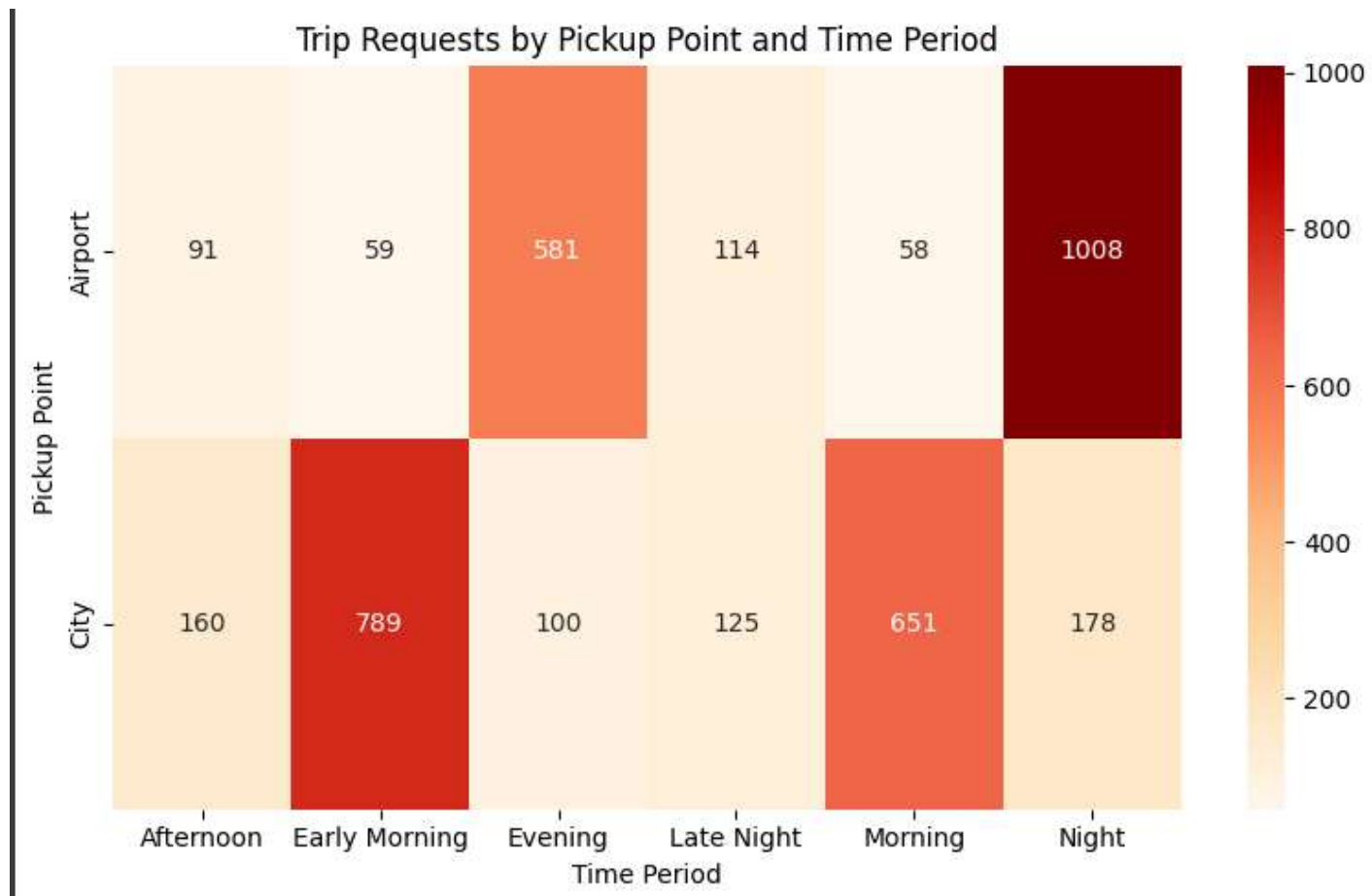


Comparison of Incomplete and Complete Demand by Hour

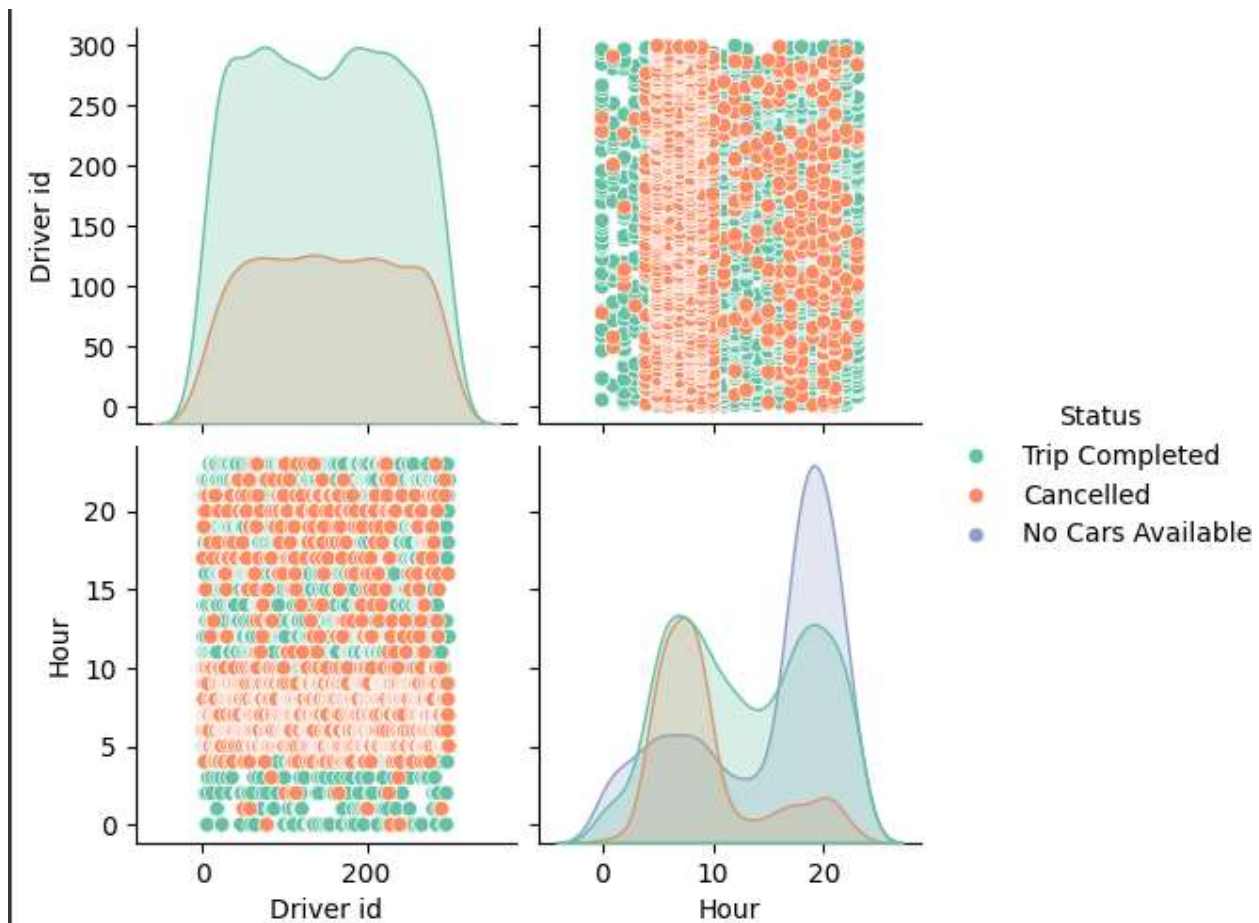












	Driver_jd	Total_requests	Cancelled_request	Incomplete_rank
►	84	21	12	1
	54	19	11	2
	142	20	10	3
	206	17	10	3
	27	22	9	4
	114	20	9	4
	138	17	9	4
	166	17	9	4
	210	17	9	4
	267	15	9	4
	131	14	8	5
	164	16	8	5



# UBER SUPPLY DEMAND GAP

Total Request

6745

Average Request

3385

Incomplete Rate

58%

Pickup point

Airport

City

Hour

4

5

Driver id

1

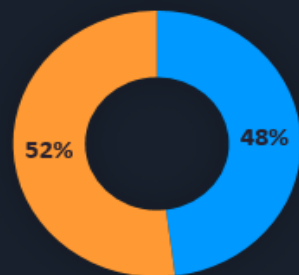
2

Status wise Rate



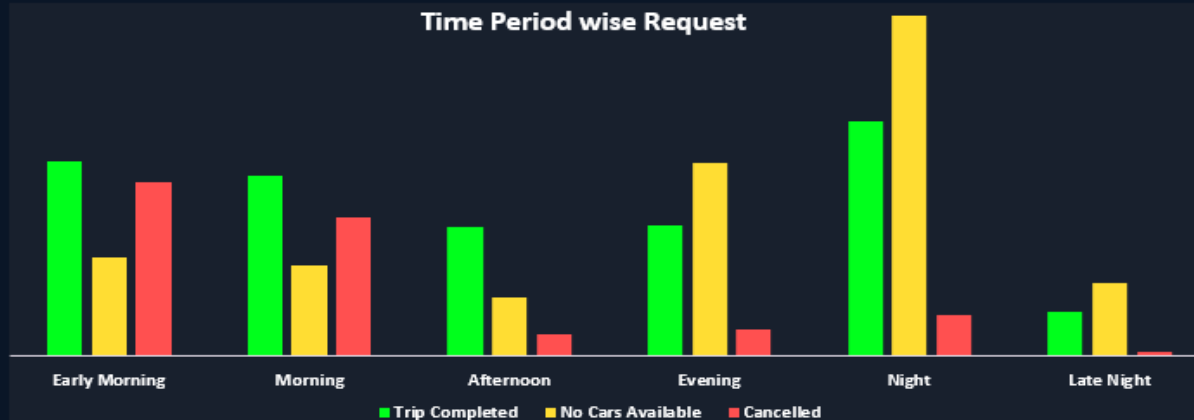
Cancelled No Cars Available Trip Completed

Pickup Point

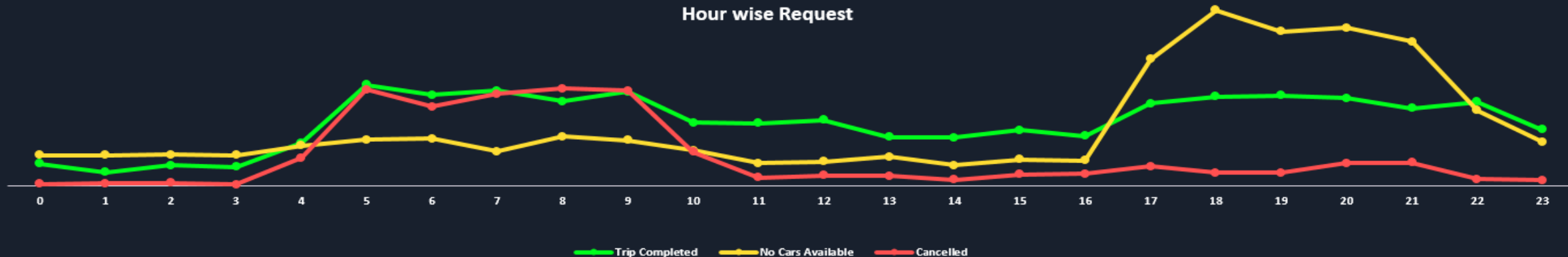


Airport City

Time Period wise Request



Hour wise Request



# Conclusion

- Many people want rides at Night and Early Morning, but not enough drivers are available, so many trips don't happen.
- More people request rides from the City than the Airport.
- In the Afternoon and Late Night, fewer rides happen, so drivers can be used better during these times.
- When drivers aren't available during busy times, Uber loses money and riders get frustrated.