RCA -> II

Problem Statement ->

-> Uber facing complaints for Ride cancellations

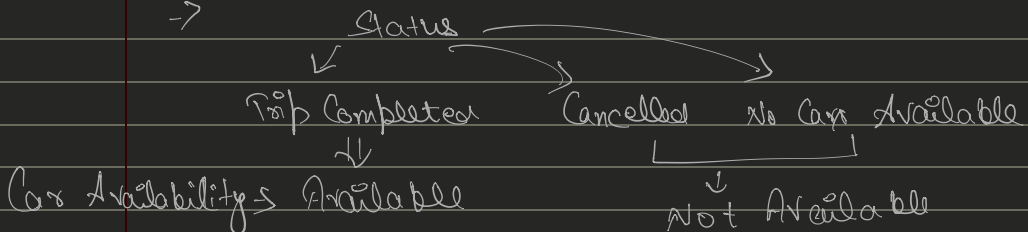
Steps ->

(S-1) -> Convert Timestamp from object to datetime.

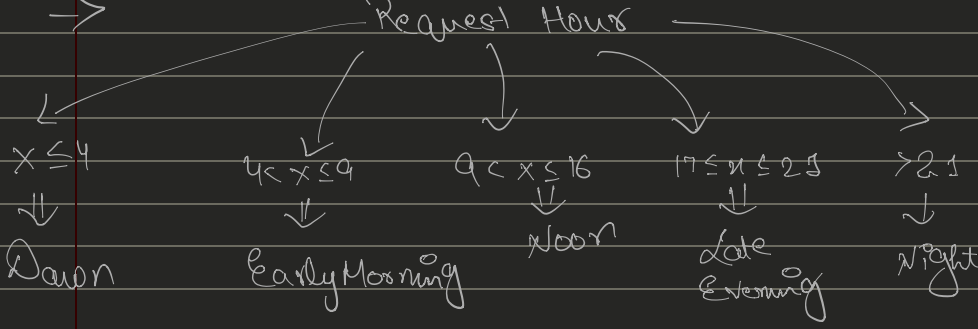
(S-2) -> Feature Engineering

-> Extract hour from Timestamps

->



->



(3-3) => In-Depth Analysis

Plotting =>

-> Request Hour & status -> Stacked bar chart

Problem is at Morning -> Cancellation
at Evening -> High Demand

-> Pie chart -> for Pickup Point

size() -> Is same as count
unstack() -> will make Table

-> Car availability == Not Available

Pie -> Then group by Time slot

-> Major Issue is in the Morning & in the Evening.

-> Pickup point == city

Stacked Bar chart => group by :Request, status

Morning High Demand

from city to Airport

-> Pickup point = = Airport

Stacked Bar chart -> group by -> Request, status

Evening High Demand from Airport to city

-> What's happening in Morning

Airport to city -> No/Low Customer

City to Airport -> High Cust

=> So, Ride cancellation High because drivers they have no one & have to cost Ideal.

Recommendations

(1) -> Give Target discount to old peoples or people having lounge access because they will leave early.

(2) -> Uber may Increase their Incentive for weight time. (only upto 2 hrs)

(3) -> Increase the search location.

(4) -> Tie up with Credit Card Company & give points

who book cab early.

Summary :->

1. -> Clean the Data
2. -> Feature Engineering
3. -> EDA
4. -> Get Insights
5. -> Give Recommendations