OLA Data Analyst Project

create a spreadsheet with 20k rows, for Bengaluru city. Give the following columns. The data will be for 1 month.

use the following column -

1. Date
2. Time
3. Booking ID
4. Booking Status
5. Customer ID
6. Vehicle Type
   - ☐ - Auto
   - ☐ - Prime Plus
   - ☐ - Prime Sedan
   - ☐ - Mini
   - ☐ - Bike
   - ☐ - eBike
   - ☐ - Prime SUV
7. Pickup Location
8. Drop Location
9. Avg VTAT (Time taken to arrive at the vehicle)
10. Avg CTAT (Time taken to arrive the Customer)
11. Cancelled Rides by Customer
12. Reason for cancelling by Customer
    - ☐ - Driver is not moving towards pickup location
    - ☐ - Driver asked to cancel
    - ☐ - AC is not working (Only for 4-wheelers)
    - ☐ - Change of plans
    - ☐ - Wrong Address
13. Cancelled Rides by Driver
    - ☐ - Personal & Car related issues
    - ☐ - Customer related issue
    - ☐ - The customer was coughing/sick
    - ☐ - More than permitted people in there
14. Incomplete Rides
15. Incomplete Rides Reason
    - ☐ - Customer Demand
    - ☐ - Vehicle Breakdown
    - ☐ - Other Issue
16. Booking Value
17. Ride Distance
18. Driver Ratings

19. Customer Rating

 Keep the overall booking status success for this data at 62%. If the booking status is successful, then only fare charge ratings, average VTAT, average CTAT, and other data will be there.

SQL Questions:
1. Retrieve all successful bookings:
2. Find the average ride distance for each vehicle type:
3. Get the total number of cancelled rides by customers:
4. List the top 5 customers who booked the highest number of rides:
5. Get the number of rides cancelled by drivers due to personal and car-related issues:
6. Find the maximum and minimum driver ratings for Prime Sedan bookings:
7. Retrieve all rides where payment was made using UPI:
8. Find the average customer rating per vehicle type:
9. Calculate the total booking value of rides completed successfully:
10. List all incomplete rides along with the reason:

Power BI Questions:
1. Ride Volume Over Time
2. Booking Status Breakdown
3. Top 5 Vehicle Types by Ride Distance
4. Average Customer Ratings by Vehicle Type
5. cancelled Rides Reasons
6. Revenue by Payment Method
7. Top 5 Customers by Total Booking Value
8. Ride Distance Distribution Per Day
9. Driver Ratings Distribution
10. Customer vs. Driver Ratings