

OLA Data Analyst Project

SQL Questions:

1. What is the total number of rides completed?
2. What percentage of rides were cancelled by customers vs. drivers?
3. What are the top 5 most popular pickup and drop locations?
4. What is the average ride distance for each vehicle type?
5. What is the most frequently used vehicle type?
6. What is the total revenue generated from successful bookings?
7. What is the average fare per ride for different vehicle types?
8. What is the most common payment method used?
9. What percentage of rides were paid via UPI, Cash, and Credit Card?
10. What is the total revenue lost due to cancelled rides?
11. Who are the top 5 customers with the most bookings?
12. What is the average customer rating per vehicle type?
13. Which customers have the highest cancellation rate?
14. What is the most common reason for driver cancellations?
15. How do driver ratings correlate with ride distance?
16. Which day of the month had the highest number of ride bookings?
17. How do ride bookings vary by time of day (morning, afternoon, night)?
18. What is the peak booking time for each vehicle type?
19. Which month had the highest ride cancellation rate?
20. How does average ride distance vary across different hours of the day?

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

Power BI Answers:

1. Ride Volume Over Time: A time-series chart showing the number of rides per day/week.
2. Booking Status Breakdown: A pie or doughnut chart displaying the proportion of different booking statuses (success, cancelled by the customer, cancelled by the driver, etc.).
3. Top 5 Vehicle Types by Ride Distance: A bar chart ranking vehicle types based on the total distance covered.
4. Average Customer Ratings by Vehicle Type: A column chart showing the average customer ratings for different vehicle types.
5. cancelled Rides Reasons: A bar chart that highlights the common reasons for ride cancellations by customers and drivers.
6. Revenue by Payment Method: A stacked bar chart displaying total revenue based on payment methods (Cash, UPI, Credit Card, etc.).
7. Top 5 Customers by Total Booking Value: A leader board visual listing customers who have spent the most on bookings.
8. Ride Distance Distribution Per Day: A histogram or scatter plot showing the distribution of ride distances for different Dates.
9. Driver Rating Distribution: A box plot visualizing the spread of driver ratings for different vehicle types.
10. Customer vs. Driver Ratings: A scatter plot comparing customer and driver ratings for each completed ride, analysing correlations