**OLA DATA ANALYST PROJECT**

Important points of Project

Make sure orders cancelled by customers should not be more than 7%

Make sure orders cancelled drivers should not be more than 18%

Also, increase the number of orders on weekends and match days. Keep match day by using the

following dates.

keep incomplete rides less than 6%

Keep order value high on weekends

in Food Category keep around 67 Indian

keep order ID with 10 digits starting with CNR and then digits

keep orders under 500 value 70%

keep orders above 500 value 28%

keep remaining orders above 1000

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:

SQL Answers:

1. Retrieve all successful bookings:

SELECT \* FROM bookings WHERE Booking\_Status = 'Success';

2. Find the average ride distance for each vehicle type:

SELECT Vehicle\_Type, AVG(Ride\_Distance) as avg\_distance FROM bookings GROUP BY

Vehicle\_Type;

3. Get the total number of cancelled rides by customers:

SELECT COUNT(\*) FROM bookings WHERE Booking\_Status = 'cancelled by Customer';

4. List the top 5 customers who booked the highest number of rides:

SELECT Customer\_ID, COUNT(Booking\_ID) as total\_rides FROM bookings GROUP BY

Customer\_ID ORDER BY total\_rides DESC LIMIT 5;

5. Get the number of rides cancelled by drivers due to personal and car-related issues:

SELECT COUNT(\*) FROM bookings WHERE cancelled\_Rides\_by\_Driver = 'Personal & Car

related issue';

6. Find the maximum and minimum driver ratings for Prime Sedan bookings:

SELECT MAX(Driver\_Ratings) as max\_rating, MIN(Driver\_Ratings) as min\_rating FROM

bookings WHERE Vehicle\_Type = 'Prime Sedan';

7. Retrieve all rides where payment was made using UPI:

SELECT \* FROM bookings WHERE Payment\_Method = 'UPI';

8. Find the average customer rating per vehicle type:

SELECT Vehicle\_Type, AVG(Customer\_Rating) as avg\_customer\_rating FROM bookings

GROUP BY Vehicle\_Type;

9. Calculate the total booking value of rides completed successfully:

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:

Segregation of the views:

**1. Overall**

- Ride Volume Over Time

- Booking Status Breakdown

**2. Vehicle Type**

- Top 5 Vehicle Types by Ride Distance

**3. Revenue**

- Revenue by Payment Method

- Top 5 Customers by Total Booking Value

- Ride Distance Distribution Per Day

**4. Cancellation**

- Cancelled Rides Reasons (Customer)

- cancelled Rides Reasons(Drivers)

**5. Ratings**

- Driver Ratings

- Customer Ratings

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 leaderboard 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, analyzing correlations.

SELECT SUM(Booking\_Value) as total\_successful\_value FROM bookings

10. List all incomplete rides along with the reason:

SELECT Booking\_ID, Incomplete\_Rides\_Reason FROM bookings WHERE Incomplete\_Rides =

'Yes';