OLA Rides Analytics Dashboard

SQL QUESTIONS & ANSWERS

1. Retrieve all successful bookings:

```
Create View Successful_Bookings As
SELECT * FROMbookings
WHEREBooking_Status = 'Success';
```

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

```
Create View ride_distance_for_each_vehicle As
SELECT Vehicle_Type, AVG(Ride_Distance)
as avg_distance FROM bookings
GROUPBYVehicle_Type;
```

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

```
Create View cancelled_rides_by_customers As
SELECT COUNT(*) FROM bookings
WHEREBooking_Status = 'cancelled by Customer';
```

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

```
Create View Top_5_Customers As
SELECT Customer_ID, COUNT(Booking_ID) as total_rides
FROMbookings
GROUPBYCustomer_ID
ORDERBYtotal_rides DESC LIMIT 5;
```

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

```
Create View Rides_cancelled_by_Drivers_P_C_Issues As
SELECT COUNT(*) FROM bookings
WHEREcancelled_Rides_by_Driver = 'Personal & Car related issue';
```

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

```
Create View Max_Min_Driver_Rating As
SELECT MAX(Driver_Ratings) as max_rating,
MIN(Driver_Ratings) as min_rating
FROMbookings WHERE Vehicle_Type = 'Prime Sedan';
```

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

```
Create View UPI_Payment As
SELECT * FROMbookings
WHEREPayment_Method = 'UPI';
```

8. Find the average customer rating per vehicle type:

```
Create View AVG_Cust_Rating As
SELECT Vehicle_Type, AVG(Customer_Rating) as avg_customer_rating
FROMbookings
GROUPBYVehicle_Type;
```

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

```
Create View total_successful_ride_value As
SELECT SUM(Booking_Value) as total_successful_ride_value
FROMbookings
WHEREBooking_Status = 'Success';
```

10. List all incomplete rides along with the reason:

```
Create View Incomplete_Rides_Reason As
SELECT Booking_ID, Incomplete_Rides_Reason
FROMbookings
WHEREIncomplete_Rides = 'Yes';
```

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Retrieve All Answers

1. Retrieve all successful bookings:

```
Select * From Successful_Bookings;
```

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

```
Select * from ride_distance_for_each_vehicle;
```

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

```
Select * from cancelled_rides_by_customers;
```

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

```
Select * from Top_5_Customers
```

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

```
Select * from Rides_cancelled_by_Drivers_P_C_Issues;
```

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

```
Select * from Max_Min_Driver_Rating;
```

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

```
Select * from UPI_Payment;
```

8. Find the average customer rating per vehicle type:

```
Select * from AVG_Cust_Rating;
```

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

```
Select * from total_successful_ride_value;
```

10. List all incomplete rides along with the reason:

```
Select * from Incomplete_Rides_Reason;
```