

## SQL Queries:

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:

## Queries Performed:

### **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:**

```
SELECT SUM(Booking_Value) as total_successful_value FROM bookings WHERE Booking_Status  
= 'Success';
```

**10. List all incomplete rides along with the reason:**

```
SELECT Booking_ID, Incomplete_Rides_Reason FROM bookings WHERE Incomplete_Rides =  
'Yes';
```