SQL Commands

Different SQL command to retrieve the different information from the data.

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';
```