**UBER DATA ANALYTICS PROJECT**

**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 \* FROMbookings 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 \* FROMbookings 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 GROUPBYVehicle\_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';