

ALL SQL Queries

1. Retrieve all successful bookings:

```
SELECT * FROM bookings
WHERE Booking_Status = 'Success';
```

OUTPUT

Date	Time	Booking_ID	Booking_Status	Customer_ID	Vehicle_Type	Pickup_Location	Drop_Location	V_TAT	C_TAT	Canceled_Rides_by_Customer	Canceled_Rides_by_Driver	Incomplete_Rides
2024-07-25	22:20:00	002940424040	Success	CID225428	Bike	Magadi Road	Varthur	203	30			No
2024-07-26	19:59:00	07159100 PM	Success	CNR2982357879	Prime SUV	Sahakar Nagar	Varthur	238	130			No
2024-07-02	09:02:00	09:02:00 AM	Success	CID292555	Mini	Rajaynagar	Chamarajpet	232	80			No
2024-07-13	04:42:00	04:42:00 AM	Success	CID802429	Mini	Kadugodi	Vijayanagar	231	90			No
2024-07-12	09:51:00	09:51:00 AM	Success	CID498071	Bike	Tambur Road	Whitefield	132	40			No
2024-07-29	23:33:00	11:33:00 PM	Success	CID923404	Prime Plus	Hosur Road	Jayanagar	35	55			No

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;
```

OUTPUT

Vehicle_Type	avg_distance
Prime Sedan	15.7649
Bike	15.5331
Prime SUV	15.2745
eBike	15.5806
Mini	15.5101
Prime Plus	15.4475
Auto	6.2381

3. List the top 5 customers who booked the highest no. of rides:

```
SELECT Customer_ID, COUNT(Booking_ID) as total_rides
FROM bookings
GROUP BY Customer_ID
ORDER BY total_rides DESC LIMIT 5;
```

OUTPUT

Customer_ID	total_rides
CID954071	5
CID539191	4
CID189965	4
CID268274	4
CID952434	4

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

```
SELECT COUNT(*) FROM bookings
WHERE canceled_Rides_by_Driver = 'Personal & Car
related issue';
```

OUTPUT

COUNT(*)
6542

5. 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';
```

OUTPUT

max_rating	min_rating
5	3

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

```
SELECT * FROM bookings
WHERE Payment_Method = 'UPI';
```

OUTPUT

	Time	Booking_ID	Booking_Status	Customer_ID	Vehicle_Type	Pickup_Location	Drop_Location	V_TAT	C_TAT	Canceled_Rides_by_Customer	Canceled_Rides_by_Driver	Incompl
19:59:00	07:59:00 PM	CNR2982357879	Success	CID270156	Prime SUV	Sahakar Nagar	Varthur	238	130			No
04:42:00	04:42:00 AM	CNR8787177882	Success	CID802429	Mini	Kadugodi	Vijayanagar	231	90			No
13:18:00	01:18:00 PM	CNR4524472111	Success	CID540929	Auto	Cox Town	Yelahanka	126	35			No
09:54:00	09:54:00 AM	CNR8181602032	Success	CID167642	Bike	Indiranagar	MG Road	70	95			No
10:25:00	10:25:00 AM	CNR8090918544	Success	CID640151	Bike	Magadi Road	HSR Layout	126	95			No
11:11:00	11:11:00 AM	CNR9975925287	Success	CID162055	Prime SUV	Magadi Road	RT Nagar	42	30			No

7. Find the average customer rating per vehicle type:

```
SELECT Vehicle_Type,round( AVG(Customer_Rating),2)
as avg_customer_rating FROM bookings
GROUP BY Vehicle_Type;
```

OUTPUT

Vehicle_Type	avg_customer_rating
Prime Sedan	4
Bike	3.99
Prime SUV	4
eBike	3.99
Mini	4
Prime Plus	4.01
Auto	4

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

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

OUTPUT

total_successful_ride_value
35080467

9. List all incomplete rides along with the reason:

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

OUTPUT

Booking_ID	Incomplete_Rides_Reason
CNR5176704322	Customer Demand
CNR9312632867	Vehicle Breakdown
CNR7924302885	Customer Demand
CNR1640228587	Other Issue
CNR7623690602	Other Issue
CNR9590311980	Customer Demand
CNR5863244684	Customer Demand
CNR9526078867	Customer Demand