



Overall



Vehicle Type



Revenue



Cancellation



Ratings

SQL Questions & Answers

Create Database Ola;

Use Ola;

#1. Retrieve all successful bookings:

```
1 • use ola;
2   select * from bookings where Booking_Status='Success';
```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: Fetch						
	Date	Time	Booking_ID	Booking_Status	Customer_ID	Vehicle_
	2024-07-25 22:20:00	22:20:00	CNR2940424040	Success	CID225428	Bike
	2024-07-30 19:59:00	19:59:00	CNR2982357879	Success	CID270156	Prime SU
	2024-07-02 09:02:00	09:02:00	CNR1797421769	Success	CID939555	Mini
	2024-07-13 04:42:00	04:42:00	CNR8787177882	Success	CID802429	Mini
	2024-07-23 09:51:00	09:51:00	CNR3612067560	Success	CID476071	Bike
	2024-07-29 23:33:00	23:33:00	CNR4787583516	Success	CID923404	Prime Plu
	2024-07-26 04:03:00	04:03:00	CNR7943634301	Success	CID647026	Prime Plu
	2024-07-27 13:18:00	13:18:00	CNR4524472111	Success	CID540929	Auto
	2024-07-16 09:54:00	09:54:00	CNR8181602032	Success	CID167642	Bike



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

The screenshot shows a SQL query editor window with a toolbar at the top containing icons for file operations, execution, and settings. The query text is as follows:

```
1 • use ola;
2 • SELECT
3     Vehicle_Type, AVG(Ride_Distance) AS Average_Distance
4 FROM
5     bookings
6 GROUP BY Vehicle_Type;
7
```

Below the query editor is the 'Result Grid' section, which includes a 'Filter Rows' input field and an 'Export' button. The results are displayed in a table with two columns: 'Vehicle_Type' and 'Average_Distance'.

Vehicle_Type	Average_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



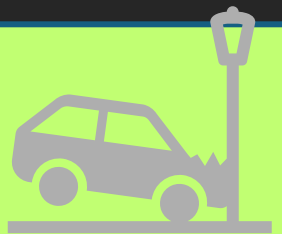
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3. Get the total number of cancelled rides by customers:

```
8      #3. Get the total number of cancelled rides by customers:
9      SELECT
10         COUNT(*)
11     FROM
12         bookings
13     WHERE
14         Booking_Status = 'Canceled by Customer';
15
```

Result Grid | | Filter Rows: | Export: | Wrap Cell Content:

	COUNT(*)
▶	20998



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

```
17 #4. List the top 5 customers who booked the highest number of rides:
18 • SELECT
19     Customer_ID, COUNT(*) AS highest_number
20 FROM
21     bookings
22 GROUP BY Customer_ID
23 ORDER BY highest_number DESC
24 LIMIT 5;
25
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
Customer_ID	highest_number		
CID954071	10		
CID199017	8		
CID189965	8		
CID263459	8		
CID266327	8		



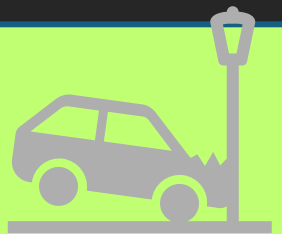
Overall



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#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 issues'
```



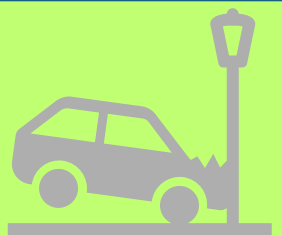
Overall



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Cancellation



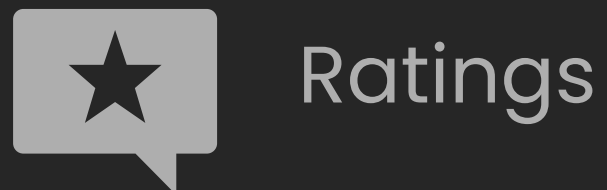
Ratings

Find the maximum and minimum driver ratings for Prime Sedan bookings

```
30 #6. Find the maximum and minimum driver ratings for Prime Sedan bookings:
31 • SELECT
32     MAX(CAST(Driver_Ratings AS DECIMAL(3,1))) AS maximum,
33     MIN(CAST(Driver_Ratings AS DECIMAL(3,1))) AS minimum
34 FROM bookings
35 WHERE Vehicle_Type = 'Prime Sedan';
36
37
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

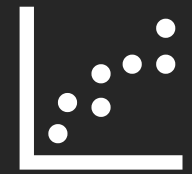
	maximum	minimum
▶	5.0	0.0



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

```
38 #7. Retrieve all rides where payment was made using UPI:
39 • SELECT
40     *
41 FROM
42     bookings
43 WHERE
44     Payment_Method = 'UPI';
45 ..
```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: Fetch rows:											
Date	Time	Booking_ID	Booking_Status	Customer_ID	Vehicle_Type	Pickup_Location	Drop_Location	V_TAT	C_TAT	Canceled	
2024-07-30 19:59:00	19:59:00	CNR2982357879	Success	CID270156	Prime SUV	Sahakar Nagar	Varthur	238	130	null	
2024-07-13 04:42:00	04:42:00	CNR8787177882	Success	CID802429	Mini	Kadugodi	Vijayanagar	231	90	null	
2024-07-27 13:18:00	13:18:00	CNR4524472111	Success	CID540929	Auto	Cox Town	Yelahanka	126	35	null	
2024-07-16 09:54:00	09:54:00	CNR8181602032	Success	CID167642	Bike	Indiranagar	MG Road	70	95	null	
2024-07-02 10:25:00	10:25:00	CNR8090918544	Success	CID640151	Bike	Magadi Road	HSR Layout	126	95	null	
2024-07-09 11:11:00	11:11:00	CNR9975925287	Success	CID162055	Prime SUV	Magadi Road	RT Nagar	42	30	null	
2024-07-19 21:18:00	21:18:00	CNR4443921904	Success	CID654618	Mini	Tumkur Road	Koramangala	231	50	null	
2024-07-25 03:44:00	03:44:00	CNR7194303296	Success	CID538245	Mini	Mysore Road	Hennur	175	50	null	
2024-07-15 17:11:00	17:11:00	CNR6494005067	Success	CID805360	Auto	Yelahanka	Malleshwaram	84	60	null	
2024-07-14 05:25:00	05:25:00	CNR7142279862	Success	CID378034	eBike	Yeshwanthpur	JP Nagar	210	45	null	



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8.Find the average customer rating per vehicle type:

```
46 #8. Find the average customer rating per vehicle type:
47 • SELECT
48     Vehicle_Type, round(avg(Customer_Rating),2) AS avg_Rating_by_customer
49 FROM
50     bookings
51 GROUP BY Vehicle_Type;
52
53
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	Vehicle_Type	avg_Rating_by_customer			
▶	Prime Sedan	2.52			
	Bike	2.49			
	Prime SUV	2.46			
	eBike	2.47			
	Mini	2.48			
	Prime Plus	2.47			
	Auto	2.48			



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

```
53 #9.Calculate the total booking value of rides completed successfully
54 • SELECT
55     SUM(Booking_Value) AS Total_Successful_And_Completed_Booking_Value
56 FROM BOOKINGS
57 WHERE
58     Booking_Status = 'Success'
59     AND Incomplete_Rides != 'yes';
--
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_Successful_And_Completed_Booking_Value
65659970



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10. List all incomplete rides along with the reason

```
4 #10. List all incomplete rides along with the reason:
5 • SELECT
6     Booking_ID, Incomplete_Rides_Reason
7 FROM
8     bookings
9 where Incomplete_Rides='Yes';
```

sult Grid | Filter Rows: | Export: | Wrap Cell Content: |

Booking_ID	Incomplete_Rides_Reason
CNR2155556925	Vehicle Breakdown
CNR4627647595	Customer Demand
CNR5430658843	Vehicle Breakdown
CNR5421957149	Customer Demand
CNR4786440665	Vehicle Breakdown
CNR8070923131	Vehicle Breakdown
CNR1209859165	Customer Demand
CNR3405106556	Other Issue
CNR9727781834	Customer Demand
CNR9450220694	Vehicle Breakdown
CNR1326312889	Vehicle Breakdown