

# Ola Ride Analytics

## 1. Retrieve all successful bookings.

### SELECT

Date,  
Booking\_ID,  
Booking\_Status,  
Customer\_ID,  
Vehicle\_Type,  
Pickup\_Location,  
Drop\_Location

### FROM

bookings

### WHERE

Booking\_Status = 'success'

	Date	Booking_ID	Booking_Status	Customer_ID	Vehicle_Type	Pickup_Location	Drop_Location
▶	7/25/2024	CNR2940424040	Success	CID225428	Bike	Magadi Road	Varthur
	7/30/2024	CNR2982357879	Success	CID270156	Prime SUV	Sahakar Nagar	Varthur
	07-02-2024	CNR1797421769	Success	CID939555	Mini	Rajajinagar	Chamarajpet
	7/13/2024	CNR8787177882	Success	CID802429	Mini	Kadugodi	Vijayanagar
	7/23/2024	CNR3612067560	Success	CID476071	Bike	Tumkur Road	Whitefield
	7/29/2024	CNR4787583516	Success	CID923404	Prime Plus	Hosur Road	Jayanagar
	7/26/2024	CNR7943634301	Success	CID647026	Prime Plus	Kammanahalli	Rajajinagar
	7/27/2024	CNR4524472111	Success	CID540929	Auto	Cox Town	Yelahanka
	7/16/2024	CNR8181602032	Success	CID167642	Bike	Indiranagar	MG Road
	07-02-2024	CNR8090918544	Success	CID640151	Bike	Magadi Road	HSR Layout
	07-05-2024	CNR3196156650	Success	CID243275	Bike	Electronic City	Langford Town
	07-09-2024	CNR9975925287	Success	CID162055	Prime SUV	Magadi Road	RT Nagar

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

**SELECT**

Vehicle\_Type,

**ROUND**(**AVG**(Ride\_Distance), 2) **AS** 'Avg Ride Distance'

**FROM**

bookings

**GROUP BY** Vehicle\_Type;

	Vehicle_Type	Avg Ride Distance
▶	Prime Sedan	15.76
	Bike	15.53
	Prime SUV	15.27
	eBike	15.58
	Mini	15.51
	Prime Plus	15.45
	Auto	6.24

### 3. Get the total number of cancelled rides BY customers.

SELECT

COUNT(Canceled\_Rides\_By\_Customer) AS 'Canceled Rides By Customer'

FROM

bookings;

	Canceled Rides by Customer
▶	10499

### 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;

	Customer_ID	Total_Rides
▶	CID954071	5
	CID539191	4
	CID189965	4
	CID268274	4
	CID952434	4

**5. Get the number of rides cancelled By drivers due to personal and car-related issues.**

**SELECT**

**COUNT**(Canceled\_Rides\_BY\_Driver) **AS** 'Total Cancellations BY Drivers Due To Personal & Car related issue'

**FROM**

bookings

**WHERE**

Canceled\_Rides\_BY\_Driver = 'Personal & Car related issue';

	Total Cancellations By Drivers Due To Personal & Car related issue
▶	6542

**6. Find the maximum and minimum driver ratings for Prime Sedan bookings.**

**SELECT**

Vehicle\_Type, **MAX**(Driver\_Ratings), **MIN**(Driver\_Ratings)

**FROM**

bookings

**WHERE**

Vehicle\_Type = 'Prime Sedan';

	Vehicle_Type	MAX(Driver_Ratings)	MIN(Driver_Ratings)
▶	Prime Sedan	5	3

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

**SELECT**

Date,  
Booking\_ID,  
Booking\_Status,  
Customer\_ID,  
Vehicle\_Type,  
Payment\_Method  
Pickup\_Location,  
Drop\_Location

**FROM**

bookings

**WHERE**

Payment\_Method = 'upi';

	Date	Booking_ID	Booking_Status	Customer_ID	Vehicle_Type	Pickup_Location	Drop_Location
►	7/30/2024	CNR2982357879	Success	CID270156	Prime SUV	UPI	Varthur
	7/13/2024	CNR8787177882	Success	CID802429	Mini	UPI	Vijayanagar
	7/27/2024	CNR4524472111	Success	CID540929	Auto	UPI	Yelahanka
	7/16/2024	CNR8181602032	Success	CID167642	Bike	UPI	MG Road
	07-02-2024	CNR8090918544	Success	CID640151	Bike	UPI	HSR Layout
	07-09-2024	CNR9975925287	Success	CID162055	Prime SUV	UPI	RT Nagar
	7/19/2024	CNR4443921904	Success	CID654618	Mini	UPI	Koramangala
	7/25/2024	CNR7194303296	Success	CID538245	Mini	UPI	Hennur
	7/15/2024	CNR6494005067	Success	CID805360	Auto	UPI	Malleshwaram
	7/14/2024	CNR7142279862	Success	CID378034	eBike	UPI	JP Nagar
	07-03-2024	CNR5176704322	Success	CID296026	Prime Plus	UPI	Hennur
	07-10-2024	CNR7547352327	Success	CID976231	Prime Plus	UPI	Rajarajeshwa...

## 8. 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;

	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

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

**SELECT**

**CAST(SUM(Booking\_Value) / 1000000 AS DECIMAL (10, 2)) AS 'Total Successful Bookings Value in Millions'**

**FROM**

bookings

**WHERE**

Booking\_Status = 'success';

	Total Successful Bookings Value in Millions
▶	35.08

## 10. List all incomplete rides along with the reason.

**SELECT**

Booking\_ID, Incomplete\_Rides\_Reason

**FROM**

bookings

**WHERE**

Incomplete\_Rides = 'yes';

	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
	CNR7154043084	Customer Demand
	CNR3193710797	Other Issue
	CNR7073850950	Customer Demand
	CNR9952584604	Customer Demand