



OLA Data Analyst Project

Hello My Name is Shafiulla Devlekar

In This Project I have Utilizes SQL Queries To Solve Question Which Are Related Ola Business Problems

- 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:**



1.Retrieve all successful bookings

```
create view successful_bookings as
select * from booking where booking_status="success";
select * from successful_bookings;
```

Result Grid													Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:	
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	incomplete_rides_reason	booking_value					
CNR2940424040	Success	CID225428	Bike	Magadi Road	Varthur	203	30	null	null	No	null	158					
CNR2982357879	Success	CID270156	Prime SUV	Sahakar Nagar	Varthur	238	130	null	null	No	null	386					
CNR1797421769	Success	CID939555	Mini	Rajajinagar	Chamarajpet	252	80	null	null	No	null	822					
CNR8787177882	Success	CID802429	Mini	Kadugodi	Vijayanagar	231	90	null	null	No	null	173					
CNR3612067560	Success	CID476071	Bike	Tumkur Road	Whitefield	133	40	null	null	No	null	140					
CNR4787583516	Success	CID923404	Prime Plus	Hosur Road	Jayanagar	35	55	null	null	No	null	164					
CNR7943634301	Success	CID647026	Prime Plus	Kammanahalli	Rajajinagar	238	95	null	null	No	null	399					
CNR4524472111	Success	CID540929	Auto	Cox Town	Yelahanka	126	35	null	null	No	null	330					
CNR8181602032	Success	CID167642	Bike	Indiranagar	MG Road	70	95	null	null	No	null	378					
CNR8090918544	Success	CID640151	Bike	Magadi Road	HSR Layout	126	95	null	null	No	null	343					
CNR3196156650	Success	CID243275	Bike	Electronic City	Langford Town	140	40	null	null	No	null	401					
CNR9975925287	Success	CID162055	Prime SUV	Magadi Road	RT Nagar	42	30	null	null	No	null	343					



2. Find the average ride distance for each vehicle type

```
create view avg Ride_distance as  
select vehicle_type, avg(ride_distance) from booking group by vehicle_type;
```

Result Grid			Filter Rows:
	vehicle_type	avg(ride_distance)	
▶	Prime Sedan	15.2703	
	Bike	16.1560	
	Prime SUV	15.1871	
	eBike	15.6797	
	Mini	15.7150	
	Prime Plus	14.8712	
	Auto	6.2147	
		0.0000	



3. Get the total number of cancelled rides by customers

```
create view cancelled_rides_by_customers as  
select count(*) from booking where booking_status="canceled by customer";
```

Result Grid	
	count(*)
▶	2081



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

```
create view top5_customers as  
select customer_id, count(booking_id) as total_ride  
from booking  
group by customer_id  
order by total_ride desc limit 5;
```



Result Grid | Filter Rows

	customer_id	total_ride
▶		82617
	CID940408	3
	CID307267	2
	CID604351	2
	CID606573	2



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

```
create view rides_cancelled_by_drivers as  
select count(*), canceled_rides_by_driver from booking where booking_status="canceled by driver"  
and canceled_rides_by_driver="personal & car related issue"  
group by canceled_rides_by_driver;
```

Result Grid   Filter Rows: <input type="text"/>		
	count(*)	canceled_rides_by_driver
▶	1263	Personal & Car related issue



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

```
create view driver_ratings as  
select max(driver_ratings),min(driver_ratings) from booking where vehicle_type="prime sedan";
```

Result Grid			Filter Rows:	
	max(driver_ratings)	min(driver_ratings)		
▶	5	0		



7.Retrieve all rides where payment was made using UPI

```
create view upi_payment as  
select * from booking where payment_method="upi";
```

Result Grid Filter Rows: <input type="text"/> Exports: Wrap Cell Contents: Fetch rows:													
	booking_id	booking_status	customer_id	vehide_type	pickup_location	drop_location	v_tat	c_tat	canceled_rides_by_customer	canceled_rides_by_driver	incomplete_rides	incomplete_rides_reason	booking_value
▶	CNR2982357879	Success	CID270156	Prime SUV	Sahakar Nagar	Varthur	238	130	null	null	No	null	386
	CNR8787177882	Success	CID802429	Mini	Kadugodi	Vijayanagar	231	90	null	null	No	null	173
	CNR4524472111	Success	CID540929	Auto	Cox Town	Yelahanka	126	35	null	null	No	null	330
	CNR8181602032	Success	CID167642	Bike	Indiranagar	MG Road	70	95	null	null	No	null	378
	CNR8090918544	Success	CID640151	Bike	Magadi Road	HSR Layout	126	95	null	null	No	null	343
	CNR9975925287	Success	CID162055	Prime SUV	Magadi Road	RT Nagar	42	30	null	null	No	null	343
	CNR4443921904	Success	CID654618	Mini	Tumkur Road	Koramangala	231	50	null	null	No	null	286
	CNR7194303296	Success	CID538245	Mini	Mysore Road	Hennur	175	50	null	null	No	null	141
	CNR6494005067	Success	CID805360	Auto	Yelahanka	Malleshwaram	84	60	null	null	No	null	214
	CNR7142279862	Success	CID378034	eBike	Yeshwanthpur	JP Nagar	210	45	null	null	No	null	461
	CNR5176704322	Success	CID296026	Prime Plus	KR Puram	Hennur	287	40	null	null	Yes	Customer Demand	1102
	CNR7547352327	Success	CID976231	Prime Plus	Hulimavu	Rajarajeshw...	210	105	null	null	No	null	444



8. Find the average customer rating per vehicle type

```
create view avg_customer_rating as  
select vehicle_type ,avg(customer_rating) from booking group by vehicle_type;
```

Result Grid			Filter Rows:
	vehide_type	avg(customer_rating)	
▶	Prime Sedan	2.505942275042445	
	Bike	2.494743981010512	
	Prime SUV	2.4176570458404076	
	eBike	2.4858191524858193	
	Mini	2.5256365538890826	
	Prime Plus	2.4049497847919654	
	Auto	2.4958847736625516	



9. Calculate the total booking value of rides completed successfully

```
create view total_booking_value as  
select sum(booking_value) from booking where booking_status="success";
```

Result Grid		Filter
	sum(booking_value)	
▶	6900234	