

# OLA-SQL-QUERIES

## **-- 1. Retrieve all successful bookings.**

```
SELECT * FROM ola_rides  
WHERE booking_status='Success';
```

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

```
SELECT vehicle_type,  
       avg(ride_distance) AS avg_ride_distance  
FROM ola_rides  
Group by vehicle_type;
```

## **-- 3. Get the total number of cancelled rides by customers.**

```
SELECT SUM(cancelled_rides_by_customer) AS Total_rides_cancelled_by_customer  
FROM ola_rides;
```

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

```
SELECT customer_id,  
       count(booking_id) AS Total_rides  
FROM ola_rides  
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 SUM(cancelled_rides_by_driver) AS Total_rides_cancelled_by_drivers  
FROM ola_rides  
WHERE reason_for_cancelling_by_driver = 'Personal & Car related issues';
```

**-- 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 ola_rides  
WHERE Vehicle_type = 'Prime Sedan';
```

**-- 7. Retrieve all rides where payment was using UPI.**

```
SELECT * FROM ola_rides  
WHERE payment_method = 'UPI';
```

**-- 8. Find the average customer rating per vehicle type.**

```
SELECT Vehicle_type,  
       AVG(customer_rating) AS AVG_customer_rating  
FROM ola_rides  
Group by Vehicle_type;
```

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

```
SELECT SUM(booking_value) AS Total_booking_values  
FROM ola_rides  
WHERE booking_status='Success';
```

**-- 10. List all incomplete rides along with the reason.**

```
SELECT booking_id,  
       customer_id,  
       vehicle_type,  
       incomplete_rides,  
       incomplete_rides_reason  
FROM ola_rides  
WHERE incomplete_rides = 1;
```