OLA Data Analyst Project

## #1. Retrieve all successful bookings:

SQL Query:

Create View Successful\_Bookings As  
SELECT \* FROM bookings  
WHERE Booking\_Status = 'Success';

Retrieve the Answer:

Select \* From Successful\_Bookings;

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

SQL Query:

Create View ride\_distance\_for\_each\_vehicle As  
SELECT Vehicle\_Type, AVG(Ride\_Distance) as avg\_distance FROM bookings  
GROUP BY Vehicle\_Type;

Retrieve the Answer:

Select \* from ride\_distance\_for\_each\_vehicle;

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

SQL Query:

Create View cancelled\_rides\_by\_customers As  
SELECT COUNT(\*) FROM bookings  
WHERE Booking\_Status = 'cancelled by Customer';

Retrieve the Answer:

Select \* from cancelled\_rides\_by\_customers;

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

SQL Query:

Create View Top\_5\_Customers As  
SELECT Customer\_ID, COUNT(Booking\_ID) as total\_rides FROM bookings  
GROUP BY Customer\_ID  
ORDER BY total\_rides DESC LIMIT 5;

Retrieve the Answer:

Select \* from Top\_5\_Customers;

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

SQL Query:

Create View Rides\_cancelled\_by\_Drivers\_P\_C\_Issues As  
SELECT COUNT(\*) FROM bookings  
WHERE cancelled\_Rides\_by\_Driver = 'Personal & Car related issue';

Retrieve the Answer:

Select \* from Rides\_cancelled\_by\_Drivers\_P\_C\_Issues;

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

SQL Query:

Create View Max\_Min\_Driver\_Rating As  
SELECT MAX(Driver\_Ratings) as max\_rating, MIN(Driver\_Ratings) as min\_rating FROM bookings WHERE Vehicle\_Type = 'Prime Sedan';

Retrieve the Answer:

Select \* from Max\_Min\_Driver\_Rating;

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

SQL Query:

Create View UPI\_Payment As  
SELECT \* FROM bookings  
WHERE Payment\_Method = 'UPI';

Retrieve the Answer:

Select \* from UPI\_Payment;

## #8. Find the average customer rating per vehicle type:

SQL Query:

Create View AVG\_Cust\_Rating As  
SELECT Vehicle\_Type, AVG(Customer\_Rating) as avg\_customer\_rating FROM bookings  
GROUP BY Vehicle\_Type;

Retrieve the Answer:

Select \* from AVG\_Cust\_Rating;

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

SQL Query:

Create View total\_successful\_ride\_value As  
SELECT SUM(Booking\_Value) as total\_successful\_ride\_value FROM bookings WHERE Booking\_Status = 'Success';

Retrieve the Answer:

Select \* from total\_successful\_ride\_value;

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

SQL Query:

Create View Incomplete\_Rides\_Reason As  
SELECT Booking\_ID, Incomplete\_Rides\_Reason FROM bookings WHERE Incomplete\_Rides = 'Yes';

Retrieve the Answer:

Select \* from Incomplete\_Rides\_Reason;