OLA PROJECT SQL SCRIPTS

```
Create Database Ola;

Use Ola;

# Retrieve all successful bookings:

Create View Successful_Bookings As

SELECT * FROM bookings

WHERE Booking_Status='Success';

SELECT * FROM Successful_Bookings;


#Find the average ride distance for each vehicle type:

Create View ride_distance_for_each_vehicle  As

SELECT Vehicle_Type, AVG(Ride_Distance)

as avg_distance FROM bookings

GROUP BY Vehicle_Type;

SELECT * FROM  ride_distance_for_each_vehicle ;


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

Create View Canceled_rides_by_Customer  As

SELECT COUNT(*) FROM bookings

WHERE Booking_Status='Canceled by Customer';

SELECT * FROM Canceled_rides_by_Customer ;


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

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;

SELECT * FROM Top_5_Customers ;
```

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

```
Create View Rides_Canceled_by_Drivers_P_C_Issues As

SELECT COUNT(*) FROM bookings

WHERE Canceled_Rides_by_Driver ='Personal & Car related issue';
```

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

```
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 all rides where payment was made using UPI:

```
Create View UPI_Payment As

SELECT * FROM bookings

WHERE Payment_Method='UPI';
```

#Find the average customer rating per vehicle type:

```
Create View AVG_CUST_Rating as

SELECT Vehicle_Type,AVG(Customer_Rating) AS avg_customer_rating

FROM bookings

GROUP BY   Vehicle_Type;
```

Calculate the total booking value of rides completed successfully:

```
Create View total_successful_ride_value  as
SELECT SUM(Booking_Value) as total_successful_ride_value
FROM bookings
WHERE Booking_Status='Success';
```

#List all incomplete rides along with the reason:

```
Create View Incomplete_Rides_Reason  as
SELECT Booking_ID,Incomplete_Rides_Reason
FROM bookings
WHERE Incomplete_Rides='Yes';
```