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1 • Create Database ola;
2 • USE ola;
3 #1. Retrieve all successful bookings:
4 • Create View Sucessful_bookings As
5 SELECT * FROM bookings
6 WHERE Booking_Status = 'Success';
7
8 #2. Find the average ride distance for each vehicle type:
9 • Create View ride_distance_for_each_vehicle As
10 SELECT Vehicle_Type, AVG(Ride_Distance)
11 as avg_distance FROM bookings
12 GROUP BY Vehicle_Type;
13
14 #3. Get the total number of cancelled rides by customers:
15 • Create View cancelled_rides_by_customers As
16 SELECT COUNT(*) FROM bookings
17 WHERE Booking_Status = 'cancelled by Customer';
18
19 #4. List the top 5 customers who booked the highest number of rides:
20 • Create View Top_5_Customers As
21 SELECT Customer_ID, COUNT(Booking_ID) as total_rides
22 FROM bookings
23 GROUP BY Customer_ID
24 ORDER BY total_rides DESC LIMIT 5;
25
26 #5. Get the number of rides cancelled by drivers due to personal and car-related issues:
27 • Create View Rides_cancelled_by_Drivers_P_C_Issues As
28 SELECT COUNT(*) FROM bookings
29 WHERE cancelled_Rides_by_Driver = 'Personal & Car related issue';
30
31 #6. Find the maximum and minimum driver ratings for Prime Sedan bookings:
32 • Create View Max_Min_Driver_Rating As
33 SELECT MAX(Driver_Ratings) as max_rating,
34 MIN(Driver_Ratings) as min_rating
35 FROM bookings WHERE Vehicle_Type = 'Prime Sedan';
36
37 #7. Find the average customer rating per vehicle type:
38 • Create View AVG_Cust_Rating As
39 SELECT Vehicle_Type, AVG(Customer_Rating) as avg_customer_rating
40 FROM bookings
41 GROUP BY Vehicle_Type;
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43 #8. Calculate the total booking value of rides completed successfully:
44 • Create View total_successful_ride_value As
45 SELECT SUM(Booking_Value) as total_successful_ride_value
46 FROM bookings
47 WHERE Booking_Status = 'Success';
48
49 #9. List all incomplete rides along with the reason:
50 • Create View Incomplete_Rides_Reason As
51 SELECT Booking_ID, Incomplete_Rides_Reason
52 FROM bookings
53 WHERE Incomplete_Rides = 'Yes';
54
55
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