create database ola;

use ola;

select * from ola

; #SQL Questions:

#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:

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

ANSWER

#1 Retrieve all successful bookings: & CRAETE VIEW

Create View successful_bookings as select * from ola where Booking_status = 'Success';

select* from successful_bookings;

#2 Find the average ride distance for each vehicle type

: Create View avg_ride_distance_for_each_vehicle as select vehicle_type,
Avg(ride_distance) as avg_ride_distance from ola group by vehicle_type;

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

Create View total_no_of_cancelled_rides as select count(canceled_rides_by_customer) from ola; #another method SELECT COUNT(*) FROM ola WHERE Booking_Status = 'canceled by Customer';

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

Create View top_5_cust_with_highest_rides as SELECT Customer_ID, COUNT(Booking_ID) as total_rides FROM ola 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:
Create View rides_cancelled_by_drivers as select count(canceled_rides_by_driver) from ola where canceled_rides_by_driver = "Personal & Car related issue";

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

Create View min_max_driver_rating as select vehicle_type , min(driver_ratings), max(driver_ratings) from ola where vehicle_type = "prime sedan";

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

Create View rides_with_payment_UPI as select * from ola where payment_method = 'UPI';

#8 Find the average customer rating per vehicle type:

Create View avg_cust_rating as select vehicle_type, avg(customer_rating) from ola group by vehicle_type;

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

Create View total_booking_rides_complete_successfully as SELECT SUM(Booking_Value) as total_successful_value FROM ola WHERE Booking_Status = 'Success';

#10 List all incomplete rides along with the reason:

Create View incomplete_rides_reason as SELECT Booking_ID, Incomplete_Rides_Reason FROM ola WHERE Incomplete_Rides = 'Yes';