Uber Data Analyst Project

SQL Questions

1. **Retrieve all successful bookings:**

Create View Successful\_Bookings As

Select \*

From Bookings

Where Booking\_Status = 'Success';

1. **Find the average ride distance for each vehicle type:**

Create View Average\_Distance\_PerVehicle AS

Select Vehicle\_Type, Avg(Ride\_Distance) AS Avg\_Ride\_Distance

From Bookings

Group By Vehicle\_Type;

1. **Get the total number of cancelled rides by customers:**

Create View Total\_Cancel\_Rides\_By\_Customers AS

Select Count(Booking\_Id) AS Total\_Cancelled\_Rides

From Bookings

Where Booking\_Status = 'Canceled by Customer';

1. **List the top 5 customers who booked the highest number of rides:**

Create View Top\_5\_Customers\_Booking AS

Select Customer\_Id, Count(Booking\_Id) AS Total\_Bookings

From Bookings

Group By Customer\_Id

Order By Total\_Bookings Desc

Limit 5;

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

Create View Cancel\_By\_Drivers\_Personal\_Issues AS

Select Count(Booking\_Id)

From Bookings

Where Canceled\_Rides\_by\_Driver = 'Personal & Car related issue';

1. **Find the maximum and minimum driver ratings for Prime Sedan bookings:**

Create View Max\_Min\_DR\_Prime\_Sedan\_Bookings AS

Select Max(Driver\_Ratings), Min(Driver\_Ratings)

From Bookings

Where Vehicle\_Type = 'Prime\_Sedan';

1. **Retrieve all rides where payment was made using UPI:**

Create View UPI\_Payments AS

Select \*

From Bookings

Where Payment\_Method = 'UPI';

1. **Find the average customer rating per vehicle type:**

Create View Avg\_Customer\_Rating\_Per\_Vehicle AS

Select Vehicle\_Type, Avg(Customer\_Rating)

From Bookings

Group By Vehicle\_Type;

1. **Calculate the total booking value of rides completed successfully:**

Create View Booking\_Value\_Ride\_Successful AS

Select Sum(Booking\_Value) AS Total\_Value

From Bookings

Where Booking\_Status = 'Success';

1. **List all incomplete rides along with the reason:**

Create View All\_Incomplete\_Rides AS

Select Booking\_Id, Incomplete\_Rides\_Reason

From Bookings

Where Incomplete\_Rides = 'Yes';