**Ola SQL Query Report**

1. Retrieve all successful bookings:

select \* from Successful\_Booking

Code-

create view Successful\_Booking as

select \* from bookings where Booking\_status = 'Success' ;

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

select \* from Avg\_Distance\_for\_each\_vehicle;

Code-

create view Avg\_Distance\_for\_each\_vehicle as

select Vehicle\_Type, avg(Ride\_Distance) as Avg\_Distance from bookings

group by Vehicle\_Type;

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

select \* from No\_of\_cancelled\_rides\_by\_customers;

Code-

create view No\_of\_cancelled\_rides\_by\_customers as

select count(\*) as No\_of\_cancelled\_rides from bookings where Booking\_Status = 'Canceled by Customer' ;

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

select \* from Top\_5\_Customers;

Code-

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 ;

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

select \* from Rides\_Cancelled\_by\_Drivers\_PCI;

Code-

create view Rides\_Cancelled\_by\_Drivers\_PCI as

select count(\*) as No\_of\_cancelled\_rides from bookings

where Canceled\_Rides\_by\_Driver ='Personal & car related issue' ;

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

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

Code-

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' ;

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

select \* from Rides\_by\_payment\_with\_using\_UPI;

Code-

create view Rides\_by\_payment\_with\_using\_UPI as

select \* from bookings where Payment\_Method = 'UPI';

1. Find the average customer rating per vehicle type

Select \* from Avg\_Customer\_Rating;

Code-

create view Avg\_Customer\_Rating as

select Vehicle\_Type,avg(Customer\_Rating)

as Avg\_rating from bookings group by Vehicle\_Type;

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

select \* from Total\_Successful\_Rides\_Value;

Code-

create view Total\_Successful\_Rides\_Value as

select sum(Booking\_Value) as Total\_Successful\_Rides\_Value

from bookings where Booking\_Status = 'Success';

10.List all incomplete rides along with the reason:

select \* from Incomplete\_Rides\_with\_Reason;

Code-

create view Incomplete\_Rides\_with\_Reason as

select Booking\_id , Incomplete\_Rides\_Reason

from bookings where Incomplete\_Rides = 'Yes';