SELECT \* FROM ola\_booking;

-- Questions--

1. Retrieve all successful bookings:

Create View Successful\_Booking as

SELECT \* FROM ola\_booking

WHERE booking\_status = 'Success';

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

CREATE VIEW ride\_distance\_for\_each\_vehicle AS

SELECT vehicle\_type, AVG(ride\_distance) AS Average\_distance

FROM ola\_booking

GROUP BY vehicle\_type;

SELECT \* FROM ride\_distance\_for\_each\_vehicle;

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

CREATE VIEW cancelled\_rides\_by\_customers AS

SELECT COUNT(\*)

FROM ola\_booking

WHERE Booking\_Status= 'Canceled by Customer';

SELECT \* FROM cancelled\_rides\_by\_customers;

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

CREATE VIEW top\_5\_costumer AS

SELECT Customer\_ID, COUNT(Booking\_ID) AS total\_rides

FROM ola\_booking

GROUP BY Customer\_ID

ORDER BY total\_rides DESC LIMIT 5;

SELECT \* FROM top\_5\_costumer;

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

CREATE VIEW ride\_cancelled\_by\_drivers AS

SELECT COUNT(\*) FROM ola\_booking

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

SELECT \* FROM ride\_cancelled\_by\_drivers;

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

CREATE VIEW Min\_Max\_Driver\_Rating AS

SELECT MAX(driver\_ratings) as Max\_rating ,

MIN(driver\_ratings) as Min\_rating

FROM ola\_booking

WHERE Vehicle\_Type = 'Prime Sedan';

SELECT \* FROM Min\_Max\_Driver\_Rating;

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

CREATE VIEW Payment\_Method AS

SELECT \* FROM ola\_booking

WHERE payment\_method = 'UPI';

SELECT \* FROM Payment\_Method;

8. Find the average customer rating per vehicle type:

CREATE VIEW average\_customer\_rating\_per\_vehicle\_type AS

SELECT vehicle\_type, AVG(Customer\_rating) as Average\_Customer\_Rating

FROM ola\_booking

GROUP BY vehicle\_type;  
SELECT \* FROM average\_customer\_rating\_per\_vehicle\_type;

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

CREATE VIEW total\_booking\_value\_of\_rides\_completed AS

SELECT SUM(booking\_value) as total\_successfull\_value

FROM ola\_booking

WHERE booking\_status = 'Success';

SELECT \* FROM total\_booking\_value\_of\_rides\_completed;

10. List all incomplete rides along with the reason:

CREATE VIEW incomplete\_rides\_reason AS

SELECT booking\_ID, incomplete\_rides\_reason

FROM ola\_booking

WHERE incomplete\_rides = 'Yes';

SELECT \* FROM incomplete\_rides\_reason;