Ola Bookings

SQL questions:

#1. Retrieve all successful bookings:

Create view  `telco-sandbox.Bookings.SuccessFul\_Bookings` as

select \*

from  `telco-sandbox.Bookings.Bookings`

where Booking\_Status = 'Succes'

select \* from `telco-sandbox.Bookings.SuccessFul\_Bookings`

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

CREATE VIEW `telco-sandbox.Bookings.avg\_ride\_distance\_for\_each\_vehicle` As

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

from  `telco-sandbox.Bookings.Bookings`

group by Vehicle\_Type

order by avg(Ride\_Distance)desc

 #3. Get the total number of canceled rides by customers:

create View `telco-sandbox.Bookings.canceled\_ride\_by\_customer` as

select count(\*) as total\_number\_of\_canceled\_rides\_by\_customer

from  `telco-sandbox.Bookings.Bookings`

where Booking\_status = 'Canceled by Customer'

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

create view `telco-sandbox.Bookings.top\_five\_customres` as

select Customer\_ID ,

       count(Booking\_ID) as total\_rides

from `telco-sandbox.Bookings.Bookings`

group by Customer\_ID

order by total\_rides desc

limit 5

select \* from `telco-sandbox.Bookings.top\_five\_customres`

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

Create view `telco-sandbox.Bookings.rides\_cancelled\_by\_drivers\_due\_to\_personal\_and\_car\_related\_issues` as

select count(Booking\_ID) as Count

from `telco-sandbox.Bookings.Bookings`

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

select \* from `telco-sandbox.Bookings.rides\_cancelled\_by\_drivers\_due\_to\_personal\_and\_car\_related\_issues`

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

Create View `telco-sandbox.Bookings.Max\_Min\_Driver\_Rating` as

select max(Driver\_Ratings) as max\_rating ,

       min(Driver\_Ratings) as min\_rating

from  `telco-sandbox.Bookings.Bookings`

where  Vehicle\_Type = 'Prime Sedan'

  and Driver\_Ratings != 'null'

select \*

from  `telco-sandbox.Bookings.Max\_Min\_Driver\_Rating`

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

Create View `telco-sandbox.Bookings.UPI\_Payment` as

select \*

from `telco-sandbox.Bookings.Bookings`

where Payment\_Method = 'UPI'

select \*

from   `telco-sandbox.Bookings.UPI\_Payment`

 #8. Find the average customer rating per vehicle type:

create view `telco-sandbox.Bookings.Avg\_Customer\_ratings` as

select Vehicle\_Type ,

      AVG(CAST(NULLIF(Customer\_Rating, 'null') AS FLOAT64)) AS avg\_rating

from `telco-sandbox.Bookings.Bookings`

group by Vehicle\_Type

select \*

from `telco-sandbox.Bookings.Avg\_Customer\_ratings`

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

create view `telco-sandbox.Bookings.total\_successful\_ride\_booking\_values` as

select sum(Booking\_Value) as total\_Ride\_value

from `telco-sandbox.Bookings.Bookings`

where Booking\_Status = 'Success'

select \*

from `telco-sandbox.Bookings.total\_successful\_ride\_booking\_values`

#10. List all incomplete rides along with the reasons;

create view `telco-sandbox.Bookings.Incomplete\_rides` as

select Incomplete\_Rides , Incomplete\_Rides\_Reason

from `telco-sandbox.Bookings.Bookings`

where  Incomplete\_Rides = 'Yes'

select \*

from  `telco-sandbox.Bookings.Incomplete\_rides`

Link -  <https://console.cloud.google.com/bigquery?ws=!1m4!1m3!3m2!1stelco-sandbox!2sBookings>

Power BI Questions:

1. Ride Volume Over Time

2. Booking Status Breakdown

3. Top 5 Vehicle Types by Ride Distance

4. Average Customer Ratings by Vehicle Type

5. cancelled Rides Reasons

6. Revenue by Payment Method

7. Top 5 Customers by Total Booking Value

8. Ride Distance Distribution Per Day

9. Driver Ratings Distribution

10. Customer vs. Driver Ratings

Link - [Ola-Bookings/Ola Project.pbix at main · ajayjatav-hub/Ola-Bookings](https://github.com/ajayjatav-hub/Ola-Bookings/blob/main/Ola%20Project.pbix)