

ChatGPT Prompt to Create Data

Please create a spreadsheet with 1 lac rows, for Bengaluru city. Give the following columns.

The data will be for 1 month. use the following column -

- 1. Date
- 2. Time
- 3. Booking ID
- 4. Booking Status
- 5. Customer ID
- 6. Vehicle Type
 - Auto
 - Prime Plus
 - Prime Sedan
 - Mini
 - Bike
 - eBike
 - Prime SUV
- 7. Pickup Location (Create dummy location points Take any 50 areas from Bangalore)
- 8. Drop Location (Take from dummy pickup locations)
- 9. Avg VTAT (Time taken to arrive at the vehicle)
- 10. Avg CTAT (Time taken to arrive the Customer)
- 11. Cancelled Rides by Customer
- 12. Reason for cancelling by Customer
- Driver is not moving towards pickup location
- Driver asked to cancel
- AC is not working (Only for 4-wheelers)
- Change of plans
- Wrong Address
- 13. Cancelled Rides by Driver
- Personal & Car related issues
- Customer related issue
- The customer was coughing/sick
- More than permitted people in there
- 14. Incomplete Rides
- 15. Incomplete Rides Reason
- Customer Demand
- Vehicle Breakdown
- Other Issue
- 16. Booking Value
- 17. Ride Distance
- 18. Driver Ratings
- 19. Customer Rating

Keep the overall booking status success for this data at 62%. If the booking status is successful, then only fare charge ratings, average VTAT, average CTAT, and other data will be there.

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:

Power BI Questions:

- 1. Ride Volume Over Time
- 2. Booking Status Breakdown
- 3. Top S 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

Data Columns

- 1. Date
- 2. Time
- 3. Booking ID
- 4. Booking_Status
- Customer_ID
- 6. Vehicle_Type
- 7. Pickup_Location
- 8. Drop_Location
- 9. V TAT

- 10. C_TAT
- 11. cancelled Rides by Customer
- 12. cancelled Rides by Driver
- 13. Incomplete Rides
- 14. Incomplete_Rides Reason
- 15. Booking_Value
- Payment_Method
- 17. Ride Distance
- 18. Driver Ratings
- Customer_Rating

SQL Answers:

- 1. Retrieve all successful bookings: SELECT * FROM bookings WHERE Booking Status = 'Success',
- 2. Find the average ride distance for each vehicle type: SELECT Vehicle_Type, AVG(Ride_Distance) as avg_distance FROM bookings GROUP BY Vehicle_Type;
- 3. Get the total number of cancelled rides by customers: SELECT COUNT(*) FROM bookings WHERE Booking Status = 'cancelled by Customer',
- 4. List the top 5 customers who booked the highest number of rides: SELECT Customer_ID, COUNT(Booking_ID) as total_rides FROM bookings 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: SELECT COUNT(*) FROM bookings WHERE cancelled_Rides_by_Driver = 'Personal & Car related issue",
- 6. Find the maximum and minimum driver ratings for Prime Sedan bookings: SELECT MAX(Driver_Ratings) as max_rating, MIN(Driver_Ratings) as min_rating FROM bookings WHERE Vehicle Type = 'Prime Sedan",
- 7. Retrieve all rides where payment was made using UPI: SELECT * FROM bookings WHERE Payment Method = 'UPI';
- 8. Find the average customer rating per vehicle type: SELECT Vehicle_Type, AVG(Customer_Rating) as avg customer rating FROM bookings GROUP BY Vehicle Type;
- 9. Calculate the total booking value of rides completed successfully: SELECT SUM(Booking_Value) as total_successful_value FROM bookings WHERE Booking_Status = 'Success';
- List all incomplete rides along with the reason:
 SELECT Booking_ID, Incomplete_Rides_Reason FROM bookings WHERE Incomplete_Rides = 'Yes",

Power BI Answers:

Segregation of the views:

- 1. Overall
- Ride Volume Over Time
- Booking Status Breakdown
- 2. Vehicle Type
- Top S Vehicle Types by Ride Distance
- 3. Revenue
- Revenue by Payment Method
- Top S Customers by Total Booking Value
- Ride Distance Distribution Per Day
- Cancellation
- Cancelled Rides Reasons (Customer)
- cancelled Rides Reasons(Drivers)
- 5. Ratings
- Driver Ratings
- Customer Ratings

Answers:

- 1. Ride Volume Over Time: A time-series chart showing the number of rides per day/week.
- 2. Booking Status Breakdown: A pie or doughnut chart displaying the proportion of different booking statuses (success, cancelled by the customer, cancelled by the driver, etc.).
- 3. Top 5 Vehicle Types by Ride Distance: A bar chart ranking vehicle types based on the total distance covered.
- 4. Average Customer Ratings by Vehicle Type: A column chart showing the average customer ratings for different vehicle types.
- 5. cancelled Rides Reasons: A bar chart that highlights the common reasons for ride cancellations by customers and drivers.
- 6. Revenue by Payment Method: A stacked bar chart displaying total revenue based on payment methods (Cash, UPI, Credit Card, etc.).
- 7. Top 5 Customers by Total Booking Value: A leaderboard visual listing customers who have spent the most on bookings.
- 8. Ride Distance Distribution Per Day: A histogram or scatter plot showing the distribution of ride distances for different Dates.
- 9. Driver Rating Distribution: A box plot visualizing the spread of driver ratings for different vehicle types.
- 10. Customer vs. Driver Ratings: A scatter plot comparing customer and driver ratings for each completed ride, analyzing correlations.

SQL Questions & Answers

Create Database Ola; Use Ola:

#1. Retrieve all successful bookings: Create View Successful_Bookings As SELECT * FROM bookings 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 avg distance FROM bookings GROUP BY Vehicle_Type;

#3. Get the total number of cancelled rides by customers: Create View cancelled_rides_by_customers As SELECT COUNT(*) FROM bookings WHERE Booking_Status = 'cancelled by Customer';

#4. List the top 5 customers who booked the highest number of rides: Create View Top S Customers As SELECT Customer_ID, COUNT(Booking_ID) as total_rides FROM bookings 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 P C_Issues As SELECT COUNT(*) FROM bookings
WHERE cancelled Rides by Driver = 'Personal & Car related issue';

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

#7. Retrieve all rides where payment was made using UPI: Create View UPI_Payment As SELECT * FROM bookings 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) as avg customer rating
FROM bookings
GROUP BY Vehicle Type;

#9. Calculate the total booking value of rides completed successfully: Create View total_successful_ride_value As SELECT SUM(Booking Value) as total successful ride value FROM bookings 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 bookings
WHERE Incomplete Rides = 'Yes",

Retrieve All Answers

#1. Retrieve all successful bookings: Select * From Successful_Bookings;

#2. Find the average ride distance for each vehicle type: Select * from ride_distance_for_each_vehicle;

#3. Get the total number of cancelled rides by customers: Select * from cancelled rides by customers;

#4. List the top 5 customers who booked the highest number of rides: Select * from Top S Customers;

#5. Get the number of rides cancelled by drivers due to personal and car-related issues: Select * from Rides cancelled by Drivers P C Issues;

#6. Find the maximum and minimum driver ratings for Prime Sedan bookings: Select * from Max Min Driver Rating;

#7. Retrieve all rides where payment was made using UPI: Select * from UPI Payment;

#8. Find the average customer rating per vehicle type: Select * from AVG_Cust_Rating;

#9. Calculate the total booking value of rides completed successfully: Select * from total successful ride value;

#10. List all incomplete rides along with the reason: Select * from Incomplete Rides Reason;