SQL Analysis Questions and Solutions Addressed in the Project

1. **Retrieve all successful bookings:**

   o Identified and displayed all bookings with a status of "Success" to assess the efficiency of booking operations.

2. **Calculate the average ride distance for each vehicle type:**

   o Analysed the dataset to determine the average ride distance for different vehicle categories, providing insights into vehicle usage patterns.

3. **Determine the total number of rides cancelled by customers:**

   o Quantified customer-initiated cancellations to understand customer behavior and identify potential service improvement areas.

4. **List the top 5 customers with the highest number of bookings:**

   o Highlighted the most frequent users of the service, enabling targeted marketing or reward programs.

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

   o Evaluated operational challenges stemming from driver-related cancellations to identify areas requiring attention.

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

   o Assessed driver performance specific to a popular vehicle type to ensure consistent service quality.

7. **Retrieve all rides paid via UPI:**

   o Segmented bookings based on payment methods to analyze customer preferences and optimize payment options.

8. **Calculate the average customer rating per vehicle type:**

   o Measured customer satisfaction across different vehicle categories to improve service offerings.

9. **Calculate the total booking value of successful rides:**

   o Aggregated the total revenue generated from successful bookings, providing a clear view of profitability.

10. **List all incomplete rides along with their reasons:**

    o Identified and categorized incomplete rides, helping to pinpoint issues that affect ride completion rates and overall customer experience.

These questions guided the data analysis process, enabling the extraction of meaningful insights to optimize cab booking operations and enhance decision-making.