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Business Overview

Total Revenue

Total Orders

Total Customers

Avg Rating

48.61 M

1000

994

2.86

Last Qtr Revenue

Last Qtr Orders

Avg Days To Ship

% Good Feedback

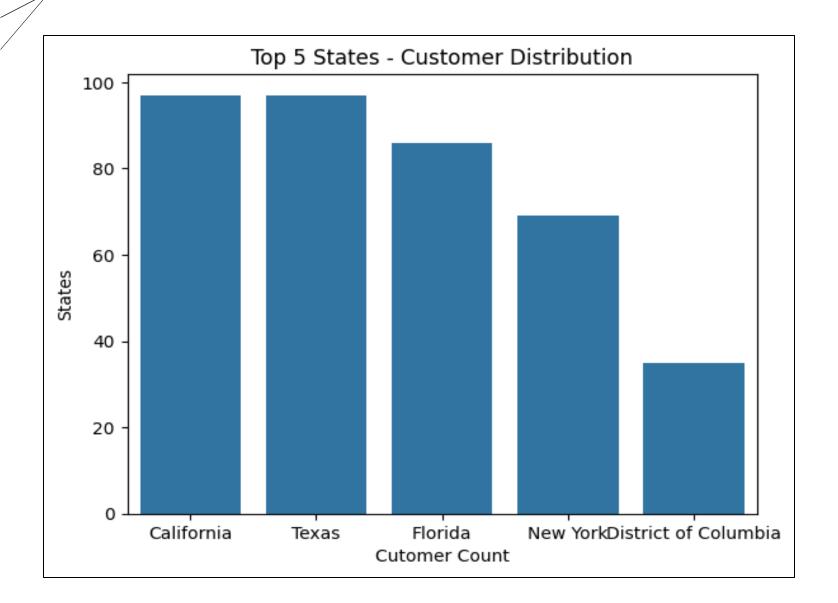
8.57 M

199

98

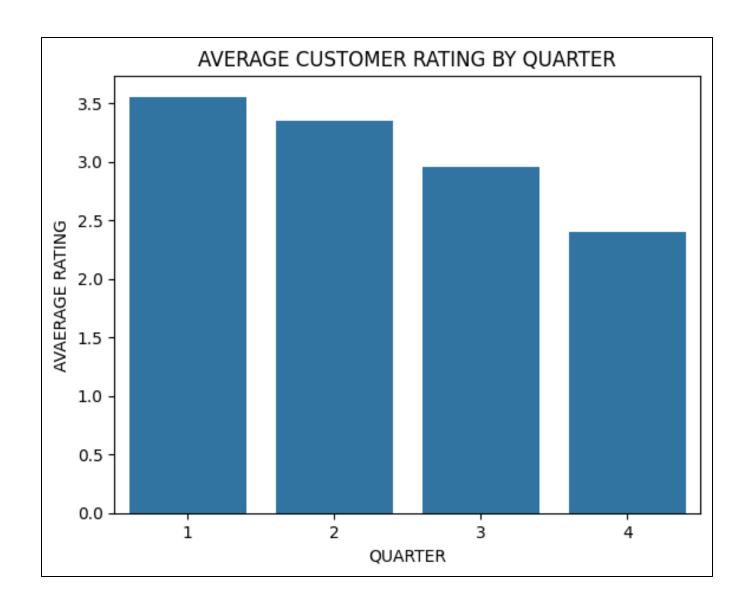
43%

Distribution of Customers across States



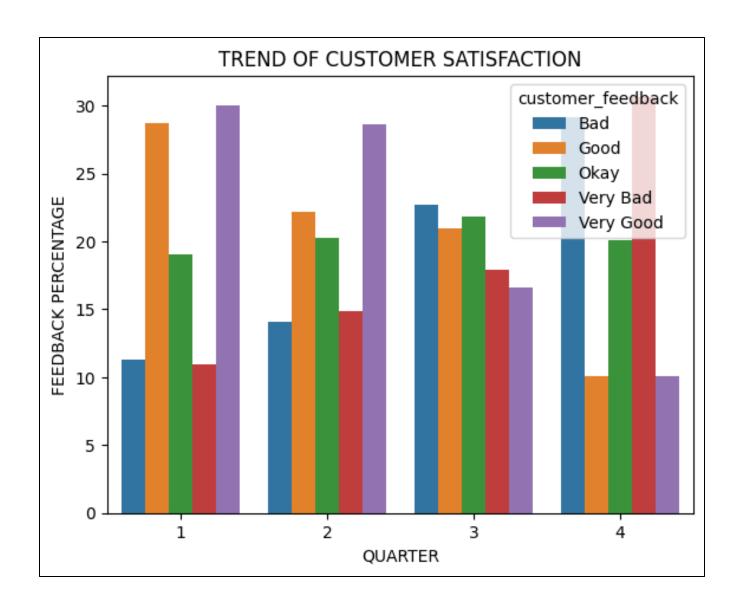
- California and Texas have the highest customer counts: Both California (97) and Texas (97) share the highest number of customers. This could indicate a strong market presence in these states, possibly due to factors like larger populations or targeted marketing efforts.
- Florida has a moderately lower customer count: Florida (86) has a customer count lower than California and Texas but still significant.
- New York(69) and District of Columbia(35) have noticeably lower customer counts

Average Customer Ratings by Quarter



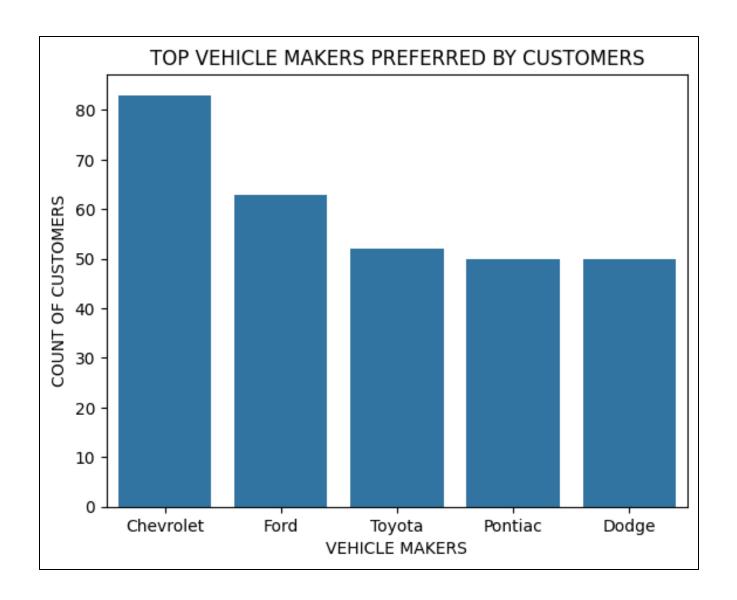
- Varying Customer Satisfaction:
 The customer ratings show a clear difference in satisfaction levels across quarters. Quarter 1 (3.5548) has the highest average rating, while Quarter 4 (2.3970) has the lowest. This suggests there might be factors specific to each quarter influencing customer perception.
- Decreasing Trend: The average customer rating appears to be decreasing across quarters (1 > 2 > 3 > 4). This indicates a potential decline in customer satisfaction over time. It's crucial to investigate the reasons behind this trend to prevent customer churn

Trend of Customer Satisfaction



- Varying Customer Satisfaction:
 The customer ratings show a clear difference in satisfaction levels across quarters. Quarter 1 shows good customer satisfaction and declining towards last quarter
- Decreasing Trend: The good customer feedback is high and bad feedback is less in the Quarter 1 and shows a negative correlation or trend in the Quarter 4
- The reasons for poor feedback or decrease in customer satisfaction is an important feature to analyze to prevent churn

Top Vehicle makers preferred by Customers



- Customer Preferences: The chart indicates that Chevrolet, Ford, Toyota, and Pontiac are the most popular vehicle makers among customers in the United States based on count of customers
- Relative Popularity: Chevrolet seems to be the most preferred brand, followed by Ford, Toyota, and Pontiac have fairly equal customer base
- Chevrolet holds significant market among the customers

Most preferred vehicle maker in each State

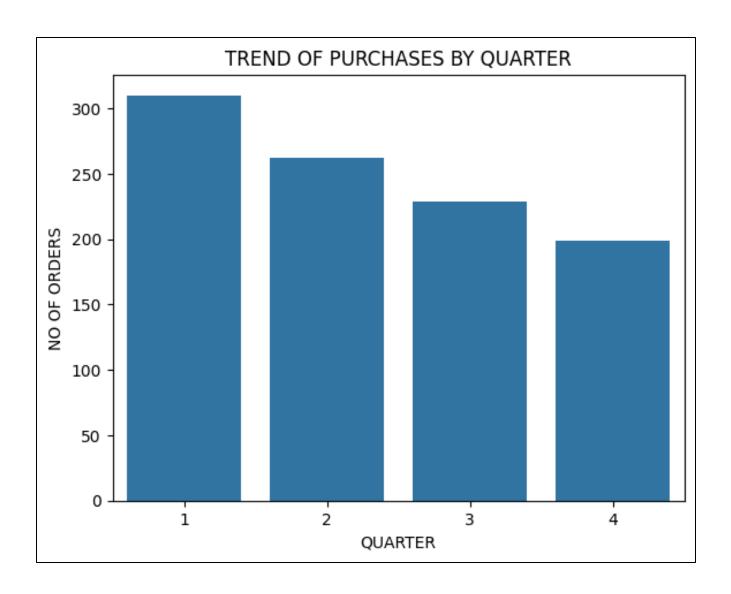
state	Vehicle_maker	Count_cust omers	Rank_vehic le_maker
Alabama	Dodge	5	1
Alaska	Chevrolet	2	1
Arizona	Pontiac	3	1
Arizona	Cadillac	3	1
Arkansas	Suzuki	1	1
Arkansas	Chevrolet	1	1
Arkansas	Pontiac	1	1
Arkansas	Volkswagen	1	1
Arkansas	Mitsubishi	1	1
Arkansas	GMC	1	1

state	Vehicle_ma ker	Count_custo mers	Rank_vehicl e_maker
Illinois	GMC	3	1
Illinois	Chevrolet	3	1
Indiana	Mazda	4	1
Iowa	Chrysler	1	1
Iowa	Chevrolet	1	1
Iowa	Hyundai	1	1
Iowa	Isuzu	1	1
Iowa	Dodge	1	1
Iowa	Mazda	1	1
Iowa	Porsche	1	1

• **Customer Preferences:** The chart indicates that customer preferences on vehicle maker in each state is very diverse, requires a depth analysis of geography, income pp and other features has to be considered to understand the pattern

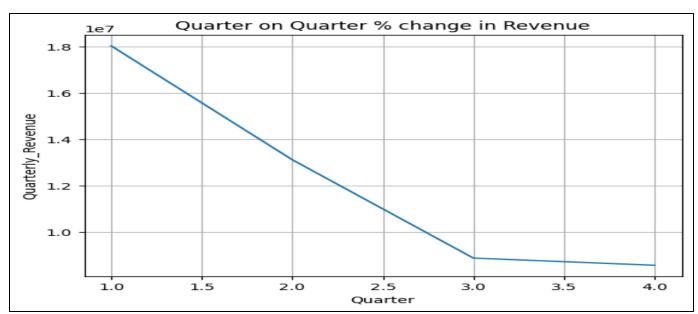
REVENUE METRICS

Trend of purchases by Quarter



- Varying no of Orders: The count of orders shows the varying trend in the count of orders across the quarters. Quarter 1 has the highest orders ~300 and least no of orders in Quarter 4 of ~200 orders
- Decreasing Trend: The no of orders appears to be decreasing across quarters
 (1 > 2 > 3 > 4). There are high no of orders in the Quarter 1 and decreases gradually at the last quarter

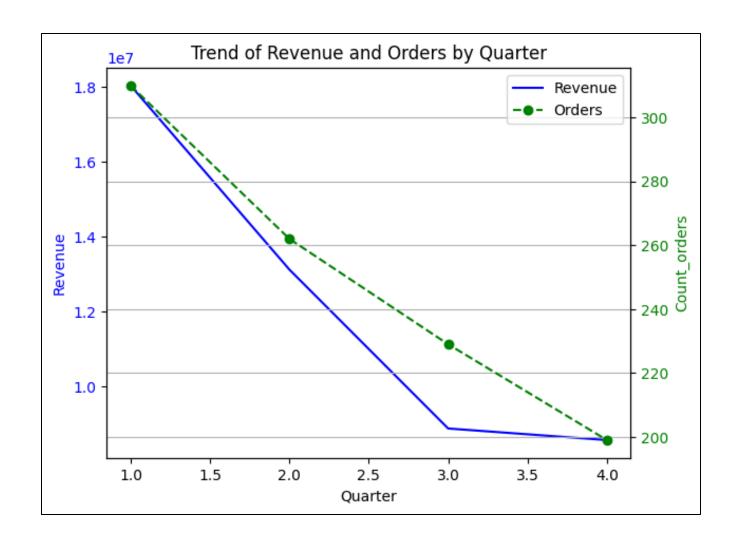
Quarter on Quarter % change in Revenue



quarter_nu mber	Quarterly_Revenue	previous_quar ter_revenue	QoQ_Percent age_Change
1	18032549.8996	-	-
2	13122995.7562	18032549.899 6	-27.23 %
3	8882298.8449	13122995.756 2	-32.32 %
4	8573149.2806	8882298.8449	-3.48 %

- In Q1 and Q2 the revenue generated are quite good enough. There is a 27% fall in revenue in Q2 compared to Q1
- There is a steady fall in the revenue until Quarter 3 which is evident from the chart. Quarter 3 & 4 has shown similar performance
- The changes or the strategical moves made in the financial year could be the possible reason in the tremendous fall in the revenue
- Factors behind the fall in revenue has to be analyzed

Trend of Revenue and Orders by Quarter



- Revenue Trend: Revenue appears to be decreasing steadily across quarters. The revenue is steadily decreasing till Quarter
- Order Trend: The number of orders seems to follow a similar pattern to revenue, with a potential decrease throughout the year.
- However, the decrease in orders might be less pronounced compared to revenue

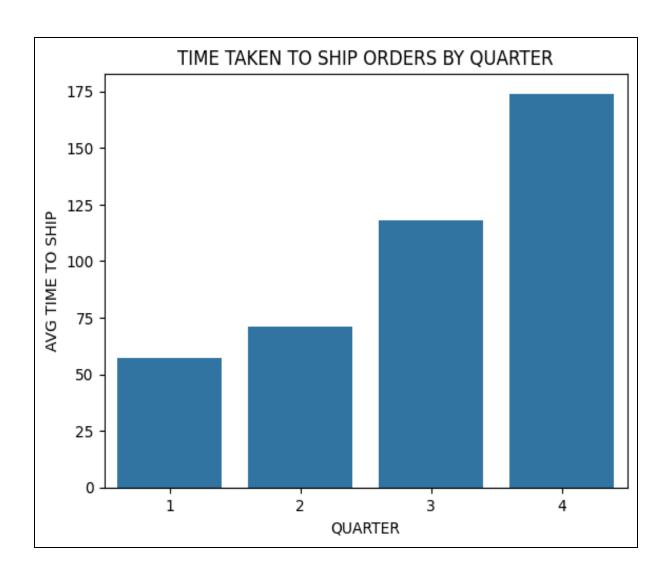
SHIPPING METRICS

Average discount offered by Credit Card type

credit_card_type	Average_Discount_cerdit_card
laser	0.643846
mastercard	0.629500
maestro	0.624219
visa-electron	0.623469
china-unionpay	0.622174
instapayment	0.620625
americanexpress	0.616327
diners-club-us-ca	0.614615
diners-club-carte-blanche	0.614490
switch	0.610233
bankcard	0.609545
jcb	0.607382
visa	0.600833
diners-club-enroute	0.599792
solo	0.585000
diners-club-international	0.584000

- Discount Variations: There are noticeable differences in average discounts offered for different credit card types. Diners-club international seems to have the lowest average discount (0.600833), while laser cards offer the highest (0.643846)
- Discount Range: The range of average discounts is relatively small (around 0.043), suggesting that most credit card types provide similar discount levels
- The discount provided by the credit card doesn't show much impact

Time taken to ship orders by Quarter



- Time to Ship: The average time to ship orders is highest in Q4 (quarter 4) at around 175 days and lowest in Q1 (quarter 1) at around 60 days
- The trend in increasing shipping days across the quarters could be also a major factor in reduced revenue, ratings and overall performance of the company
- Needs more closer inspection of the reasons behind the delay in the shipment
- In-depth analysis of the shipping days by each shipping company has to be studied

Insights & Recommendations

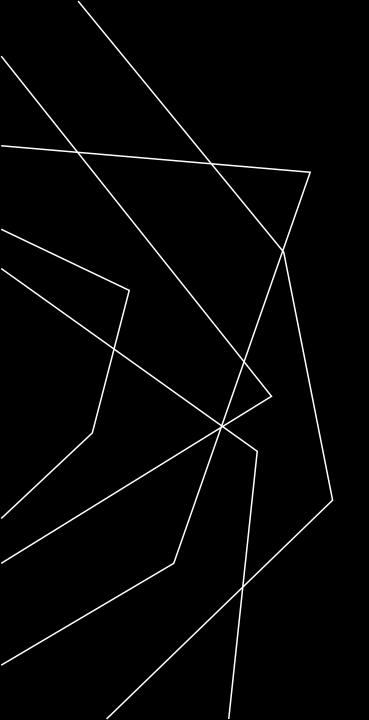
quarter_number	shipper_id	Max_Time_to _ship
3	3476	525
3	3538	525
3	1757	519
3	3161	519
3	2643	519
3	3492	519
3	2628	519
3	3574	519
3	3887	519
3	2067	519

- State wise Trends California and Texas are the best-performing states which show significant sales compared to other states
- Vehicle makers Chevrolet and Ford brand vehicles are the vehicle makers who have sold most no of the cars, it is important to focus on stocking more no of the best-selling brand cars and marketing on the same
- Shipping Trends From the table it is evident that few shippers took approximately 500 days for a shipment in Quarter 3 which could be also a reason for negative/bad ratings from customers
- Avoiding the shippers who took maximum days can help retaining the customers

Insights & Recommendations

State	Average_Rating
Vermont	2.0000
Maine	2.0000
Mississippi	2.0000
Oregon	2.1429
South Carolina	2.3333
Wisconsin	2.3750
Alaska	2.5000
Massachusetts	2.6429
Missouri	2.6522
Hawaii	2.6667

- Average rating, revenue, no of cars sold have gradually dropped from Quarter 1 across Quarter 4 which shows there needs in depth anlaysis
- Low Rating States The states mentioned in the table have very low ratings, these states require attention to improve the business
- There is a need for analysis of the least performing states and factors affecting the sales/performance
- Average rating, revenue, and no of cars sold have gradually dropped from Quarter 1 across Quarter 4 which shows there needs in-depth analysis
- A detailed pattern/trends in each state, branch and customer has to be analysed



THANK YOU