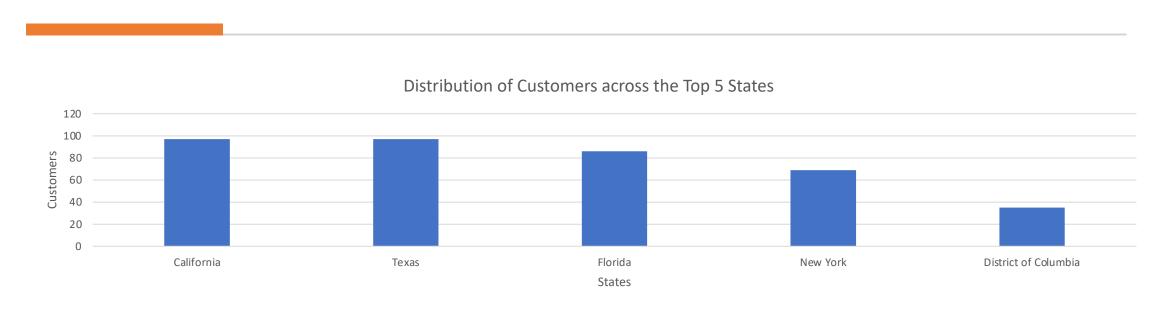
# New Wheels

# Customer Metrics

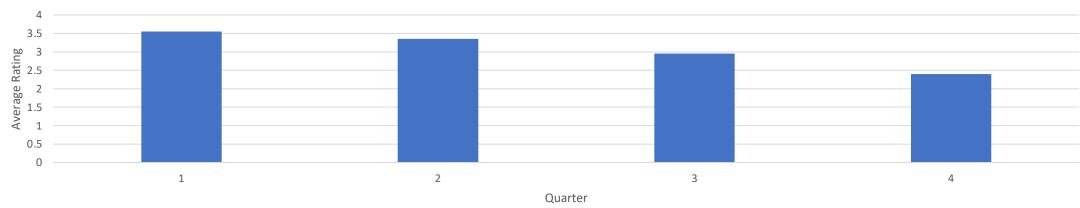
#### Distribution of Customers across States



- The top 5 states are CA, TX, FL, NY, District of Columbia
- CA had 97 customers, Texas has 97 customers, Florida had 86 customers, New York had 69 customers, District of Columbia had 35 customers

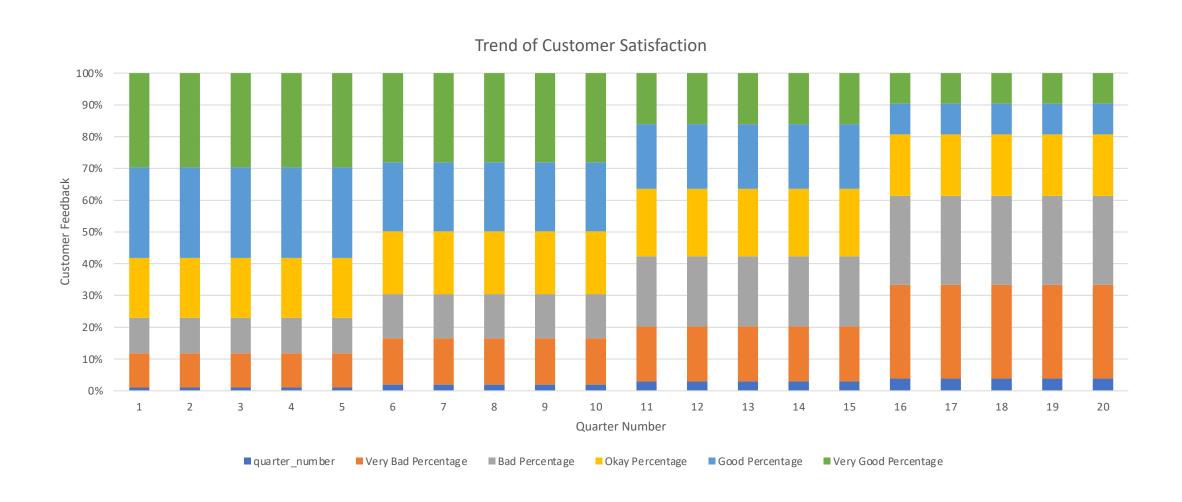
#### Average Customer Ratings by Quarter





- There is a decline in the average customer rating in each quarter
- Q1 rating is 3.55, Q2 rating is 3.36, Q3 rating is 2.96, and Q4 rating is 2.4

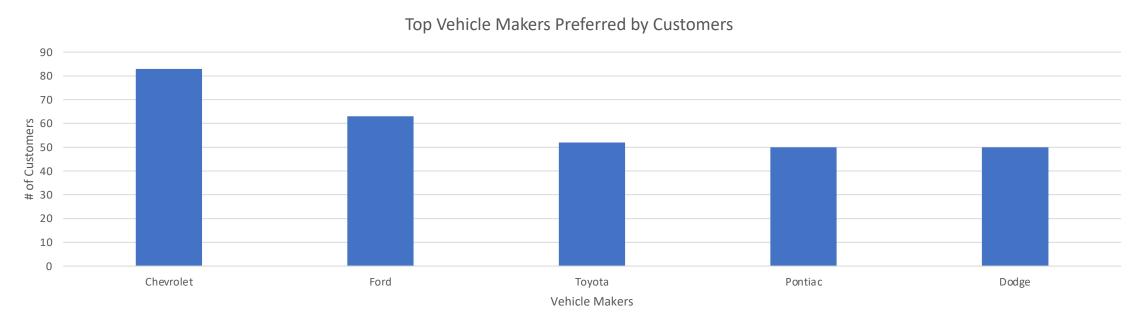
#### Trend of Customer Satisfaction



#### Trend of Customer Satisfaction Cont.

- The percentages of 'Very Good' and 'Good' declined in each quarter
- The percentages of 'Okay' remained stagnant
- The 'Bad' and the 'Very Bad' increased in each quarter
- The customer became dissatisfied in each quarter

## Top Vehicle Makers Preferred by Customers



- The top vehicle makers are Chevrolet, Ford, Toyota, Pontiac, and Dodge
- Chevrolet has 83, Ford has 63, Toyota has 52, Pontiac has 50, and Dodge has 50

Alabama	Dodge
Alaska	Chevrolet
Arizona	Pontiac, Cadillac
Arkansas	Chevrolet, Pontiac, GMC, Suzuki, Volkswagen, Mitsubishi
California	Nissan, Ford, Dodge, Chevrolet, Audi
Colorado	Chevrolet
Connecticut	Maserati, Volvo, Chevrolet, Mercury
Delaware	Mitsubishi
District of Columbia	Chevrolet
Florida	Toyota

Georgia Toyota

Hawaii Ford, GMC, Toyota, Pontiac, Cadillac, Nissan

Idaho Dodge

Illinois GMC, Chevrolet, Ford

Indiana Mazda

Isuzu, Subaru, Hyundai, Dodge, Chrysler, Pontiac, Mazda, Ford, Jeep, Porsche, Chevrolet

Kansas Mercedes-Benz, Nissan, Maserati, Buick, Lexus, Ford, Volkswagen, Mazda, Dodge, GMC, Honda, Saab, Suzuki

Kentucky Acura, Audi, Ram, Volvo, Nissan, Mercury, Pontiac, Mercedes-Benz

Louisiana BMW, Nissan, Kia, Ford, Pontiac

Maine Mercedes-Benz

Maryland Ford

Massachusetts Chevrolet, Dodge

Michigan Ford

Minnesota GMC

Mississippi Toyota, Dodge

Missouri Chevrolet

Montana Dodge, Mitsubishi, Chevrolet

Toyota, Volkswagen, Cadillac, Mercedes-Benz, Nissan,

Nebraska Chevrolet, Pontiac

Nevada Pontiac

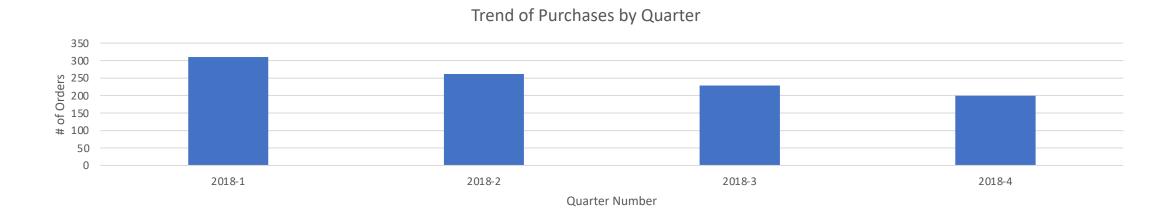
New Hampshire Lincoln, Lexus, Chrysler

New Jersey	Mercedes-Benz, Hyundai
New Mexico	Dodge
New York	Toyota, Pontiac
North Carolina	Volvo
North Dakota	Ford, Hyundai
Ohio	Chevrolet
Oklahoma	Toyota, Ferrari, Mazda
Oregon	Toyota
Pennsylvania	Toyota
South Carolina	Jaguar, Kia, Acura, Buick, Mazda, Isuzu, Dodge, BMW, Mitsubishi

Tennessee	Mazda
Texas	Chevrolet
Utah	Chevrolet, Dodge, Pontiac, Subaru, Maybach, Buick, Volkswagen, Oldsmobile, Lincoln, Isuzu
Vermont	Mazda
Virginia	Ford
Washington	Chevrolet
West Virginia	Mercedes-Benz
Wisconsin	Mazda, Pontiac, Cadillac, Acura, Dodge, Nissan, Honda, Chevrolet
Wyoming	Buick

# Revenue Metrics

#### Trend of Purchases by Quarter



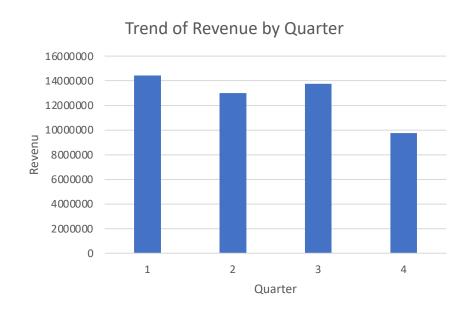
- Number of purchases declined each quarter
- Quarter 1 was their top quarter
- Quarter 4 was their worst quarter

## Quarter on Quarter % Change in Revenue

Quarter	QoQ_Percentage_Change
2018-1	
2018-2	-9.75593567
2018-3	5.77740934
2018-4	-29.06214773

- There was a decline in Quarter 1 to Quarter 2
- Quarter 3 had a slight increase from Quarter 2
- There was a decrease from Quarter 3 to quarter 4 in revenue

#### Trend of Revenue and Orders by Quarter



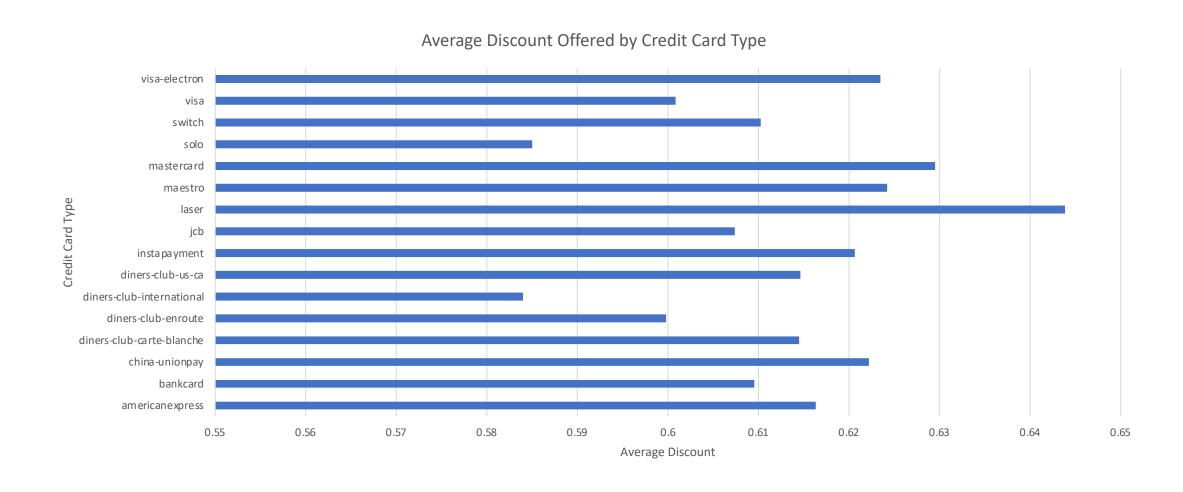


- There is a decline in revenue from Q1 to Q2
- There is an increase from Q2 to Q3
- There is a decline from Q3 to Q4

 There was a decline in the number of orders in each quarter

# Shipping Metrics

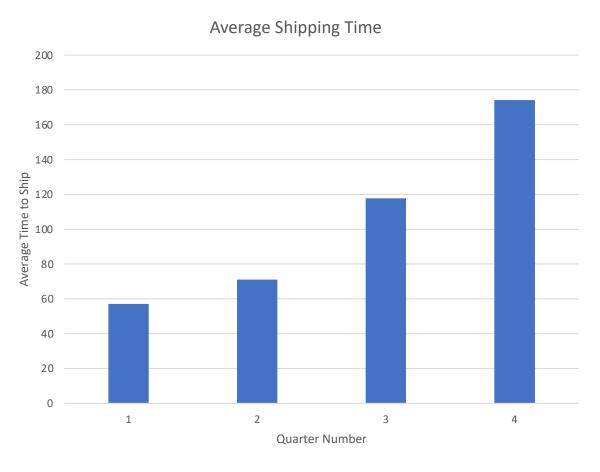
## Average discount offered by Credit Card type



# Average discount offered by Credit Card type Cont.

- Laser offered the highest discount
- Diners Club International offered the lowest discount

## Time Taken to Ship Orders by Quarter



- The average shipping time increased each quarter
- Q1 had the fastest shipping time
- Q4 had the slowest shipping time

#### Insights and Recommendations

- The revenue and number of orders increased when the customers became dissatisfied.
- Customers became dissatisfied than the average shipping time.
- Improve customer satisfaction to increase revenue and number of orders.
- Improve shipping time to improve customer satisfaction.