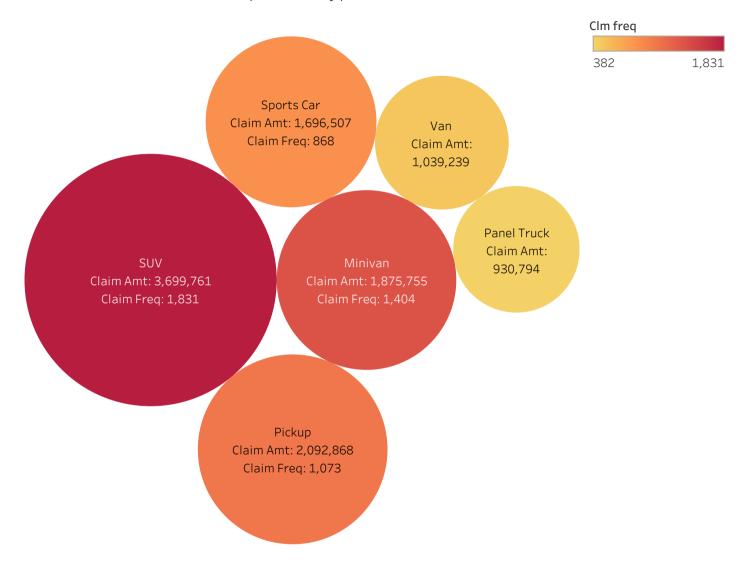
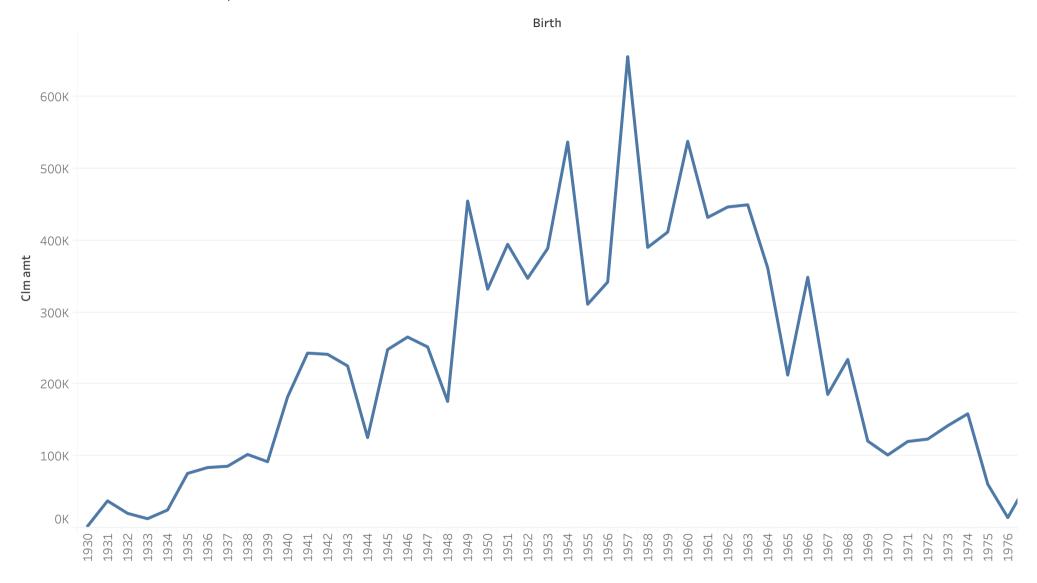
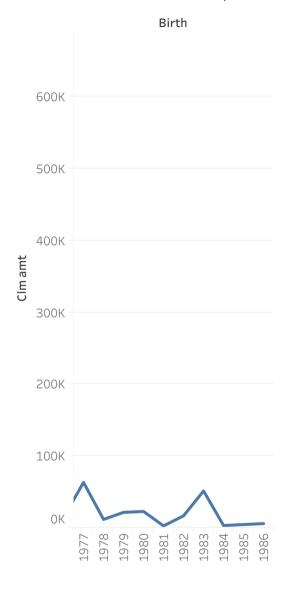
Claim Amt vs Claim Freq vs Car type



Claim Amount with respect to YOB of Car Owners



Claim Amount with respect to YOB of Car Owners



Bluebook vs occupation

Blue Collar	Manager	Clerical	10
28,560,330	17,752,640	16,924,04	
Professional 19,120,260	Lawyer 13,513,870 Home Maker 7,846,490		Student 7,254,440 Doctor 5,078,810

Bluebook

5,078,810 28,560,330

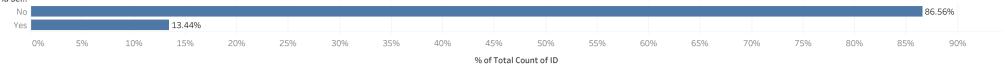
Bluebook vs occupation

Bluebook

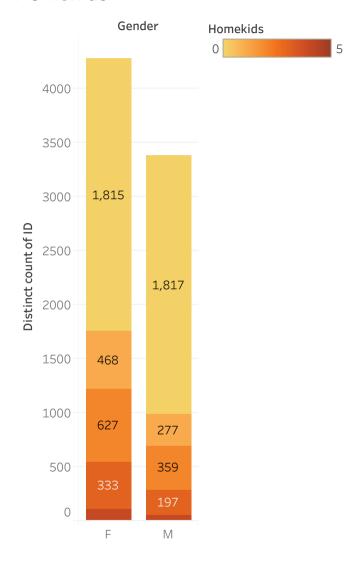
5,078,810 28,560,330

Owner Mix vs criteria

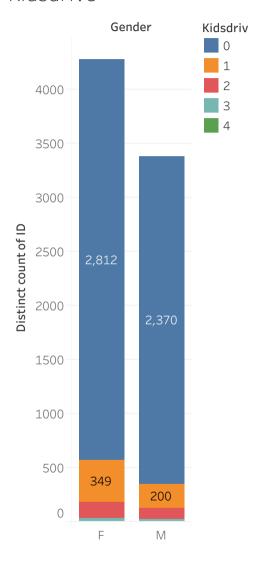




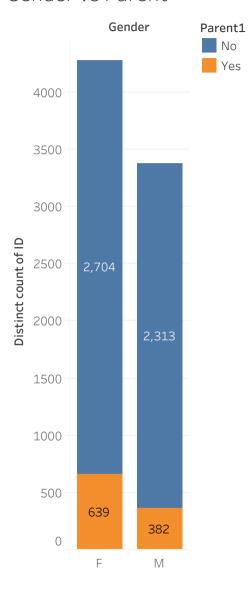
Gender vs Homekids

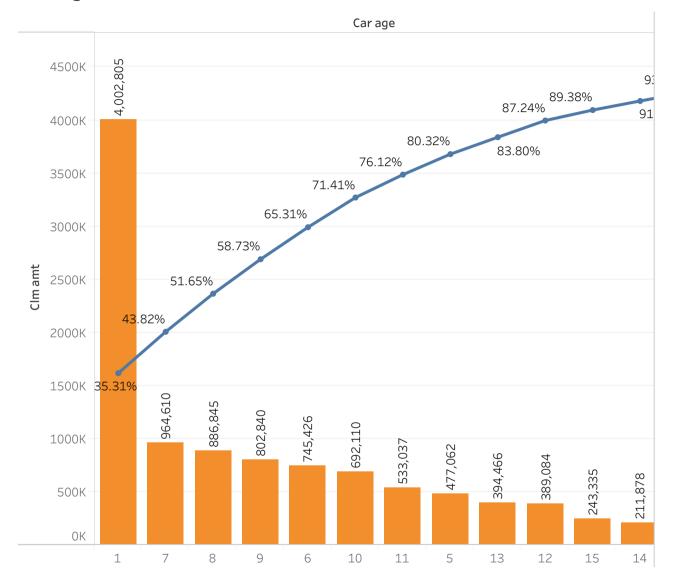


Gender vs Kidsdrive



Gender vs Parent

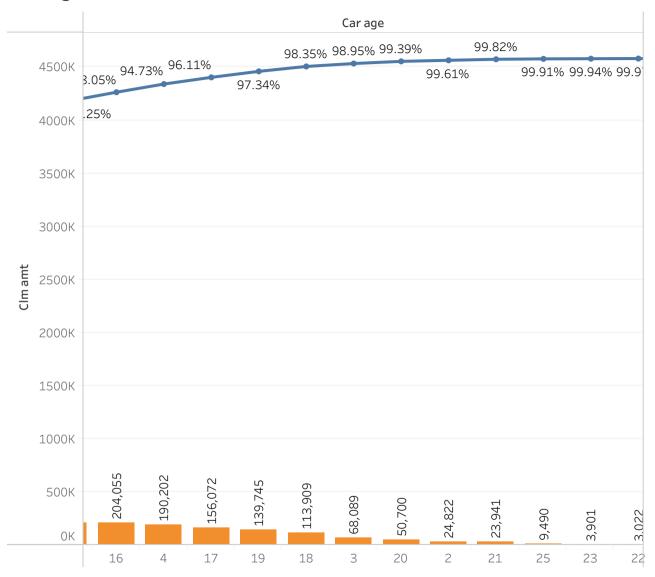




Measure Names

% of Total Running Sum of Clm amt along Table (Across)

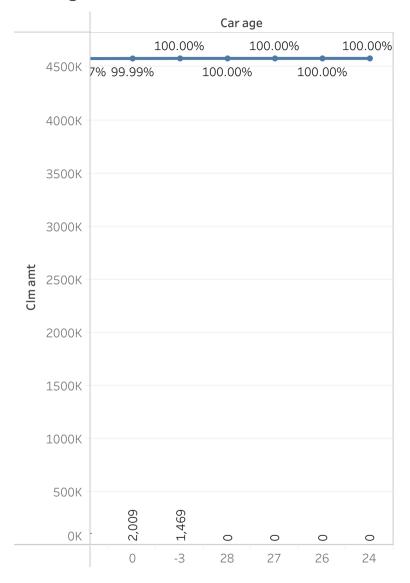
Clm amt



Measure Names

% of Total Running Sum of Clm amt along Table (Across)

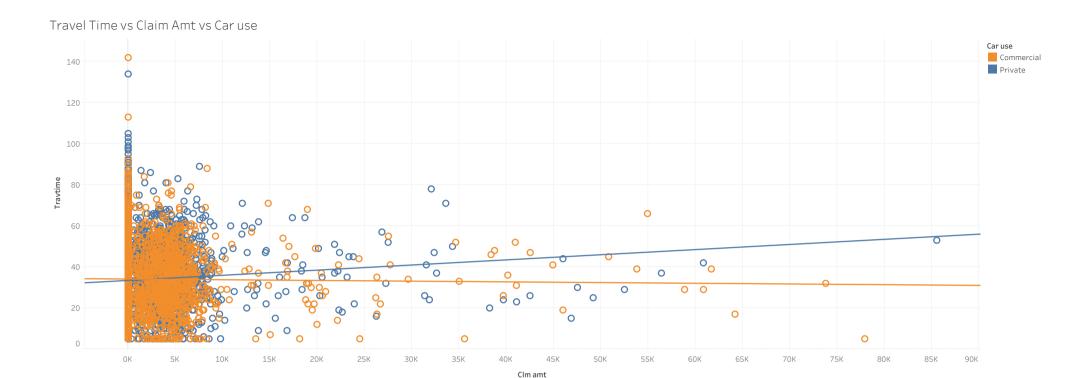
Clm am



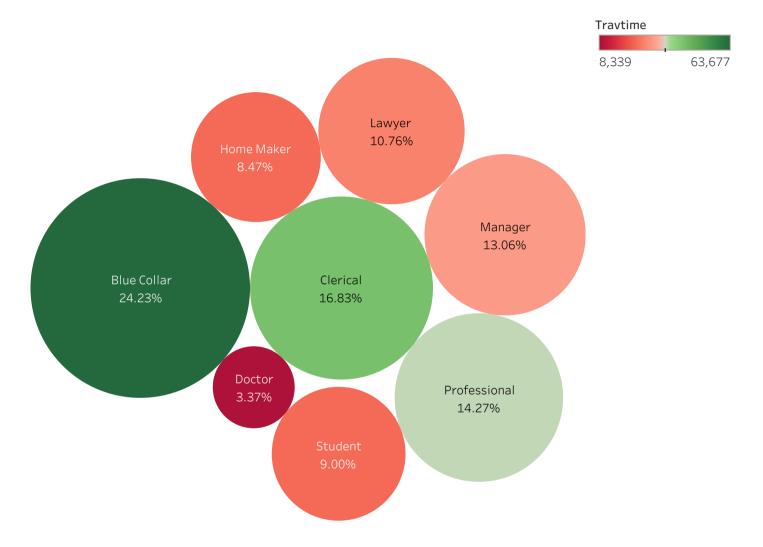
Measure Names

% of Total Running Sum of Clm amt along Table (Across)

Clm amt



Occupation vs Travel Time



Claim Amt vs Diff Criteria

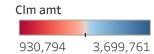
SUV	Minivan	Sports Car
3,699,761	1,875,755	1,696,507
29.61%	27.93%	12.03%
Pickup 2,092,868 16.78%	Van 1,039,239 7.87%	Panel Truck 930,794 5.78%

Clm amt

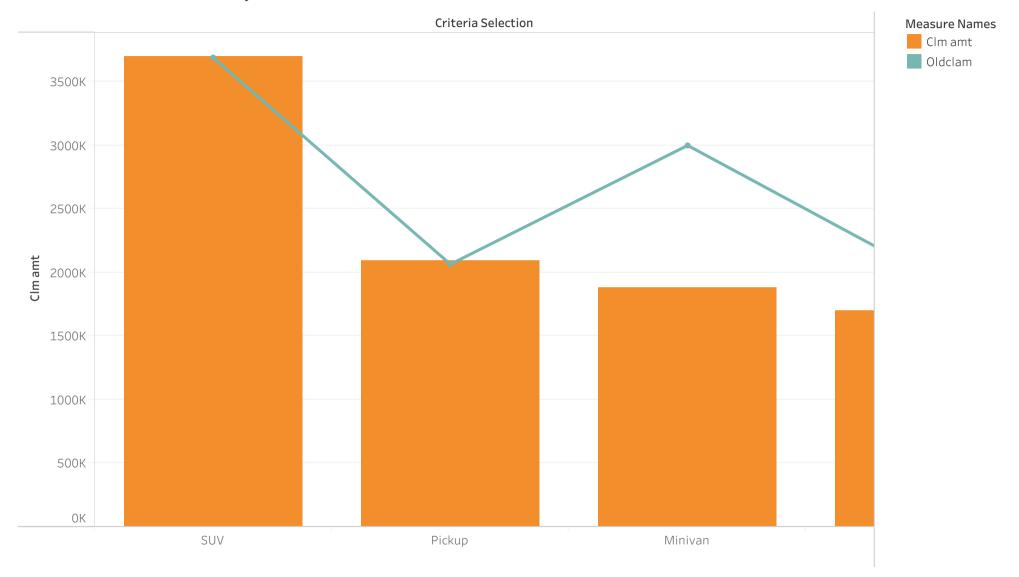
930,794

3,699,761

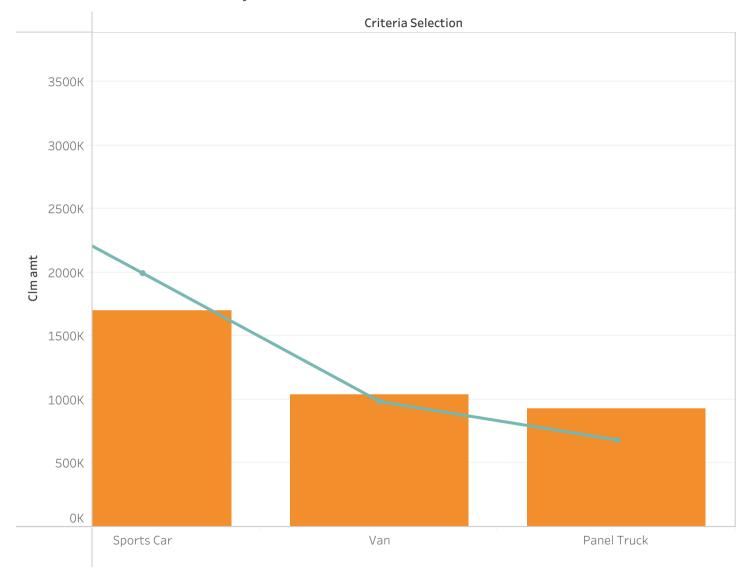
Claim Amt vs Diff Criteria



New vs Old Claim Amt by diff. Criteria



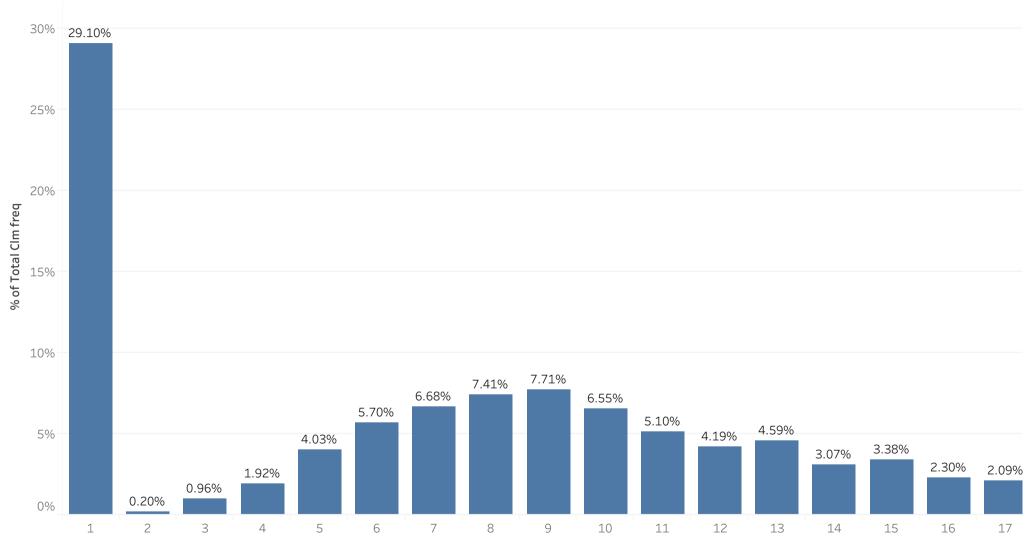
New vs Old Claim Amt by diff. Criteria



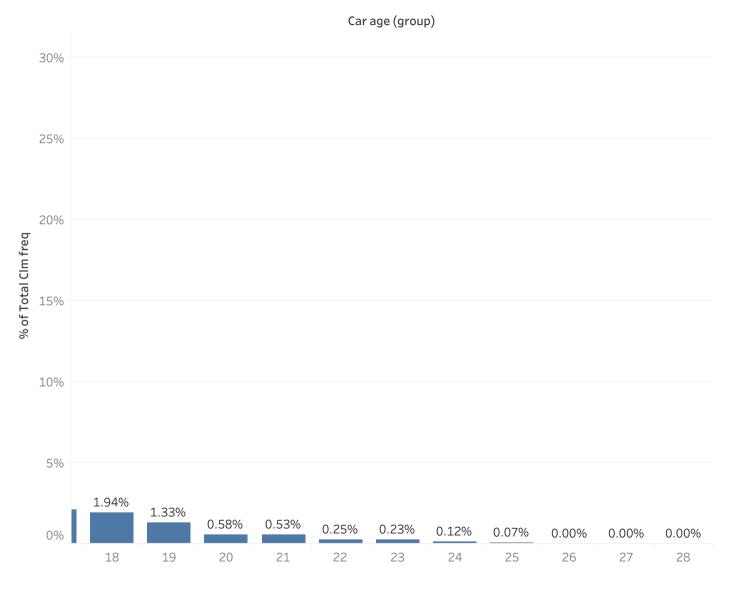
Measure Names
Clm amt
Oldclam

Claim Freq vs Car Age

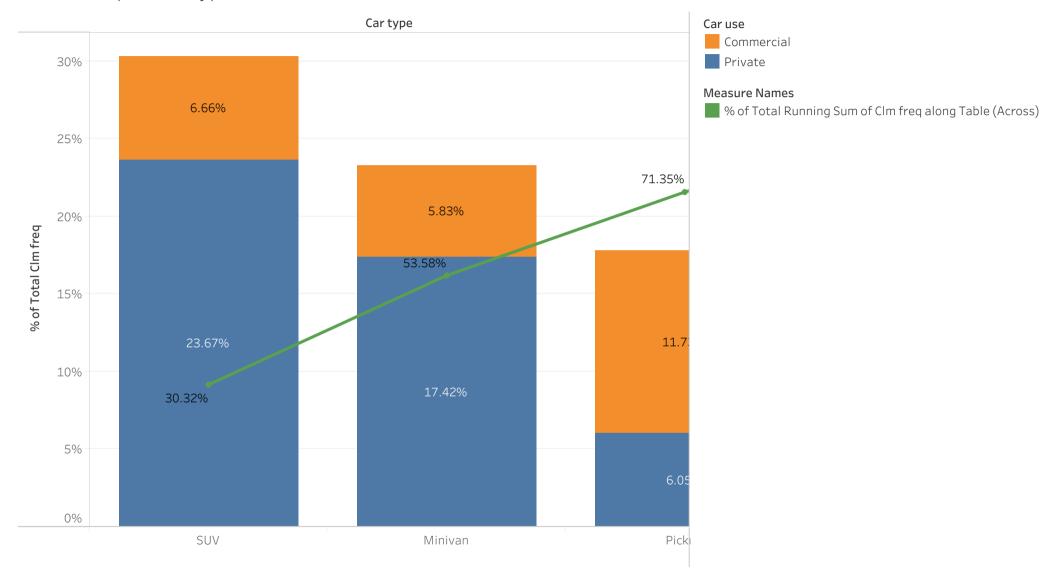




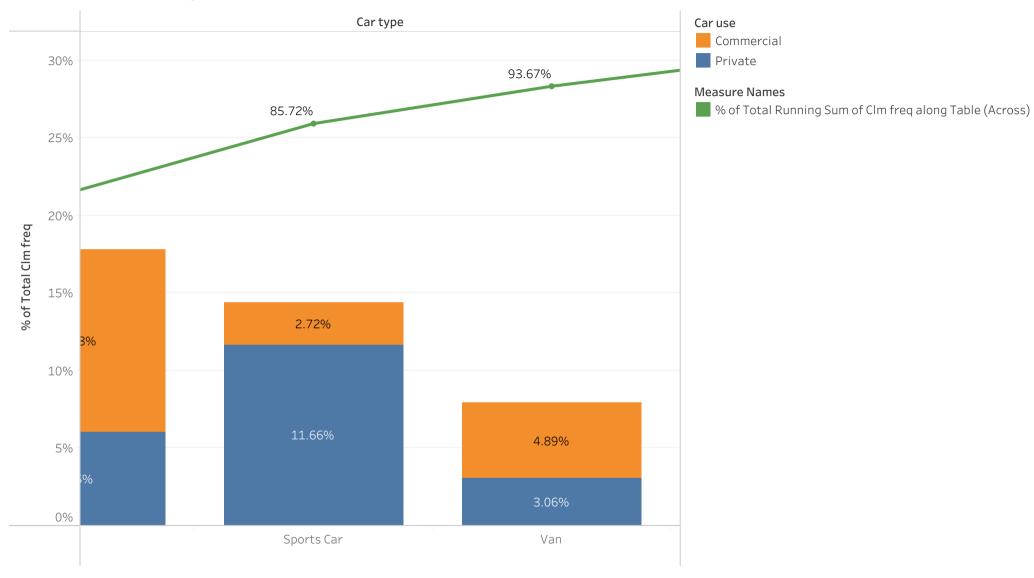
Claim Freq vs Car Age



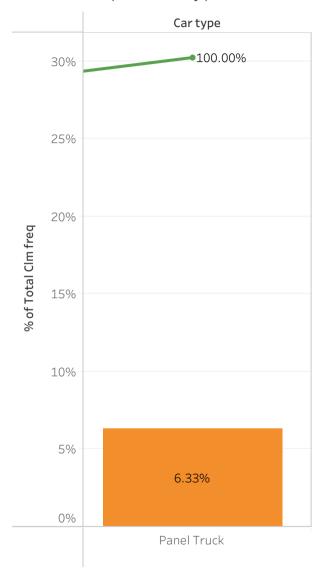
Claim Freq vs Car Type



Claim Freq vs Car Type



Claim Freq vs Car Type



Car use

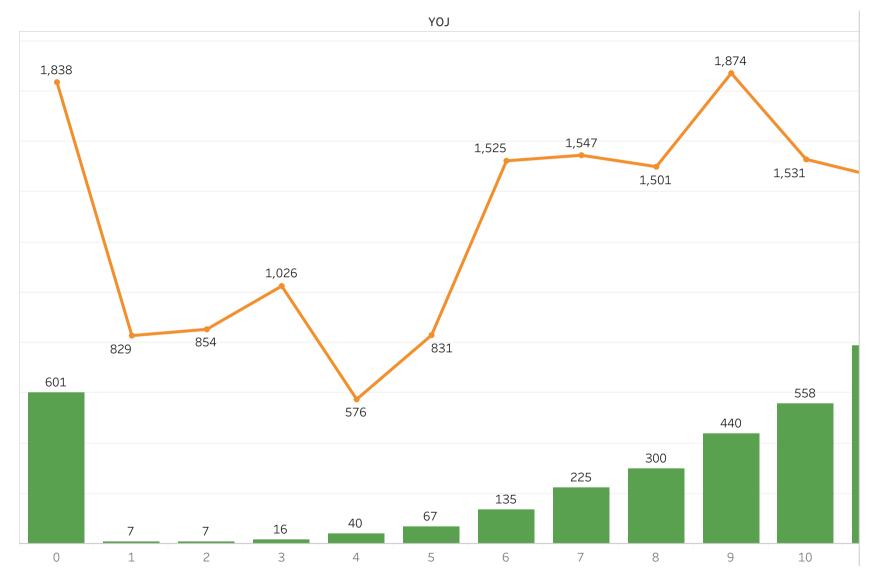
Commercial

Private

Measure Names

% of Total Running Sum of Clm freq along Table (Across)

Claim Freq, Amt vs YOJ

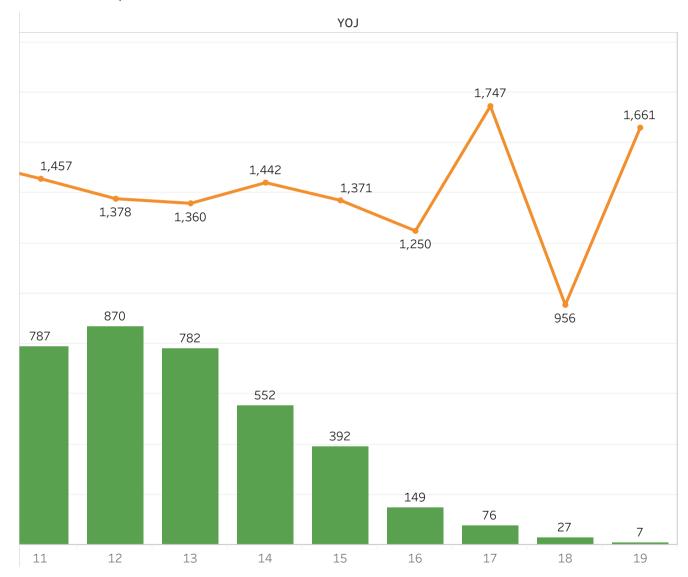


Measure Names

Avg. Clm amt

Clm freq

Claim Freq, Amt vs YOJ



Measure Names Avg. Clm amt Clm freq

OLD/NEW Claim Amt vs Diff Criteria

SUV Claim Amt: 3,699,761 Claim Freq: 1,831 29.61%	Minivan Claim Amt: 1,875,755 Claim Freq: 1,404 27.93%	Sports Car Claim Amt: 1,696,507 Claim Freq: 868 12.03%
Pickup Claim Amt: 2,092,868 Claim Freq: 1,073 16.78%	Van Claim Amt: 1,039,239 Claim Freq: 480 7.87%	Panel Truck Claim Amt: 930,794 Claim Freq: 382 5.78%

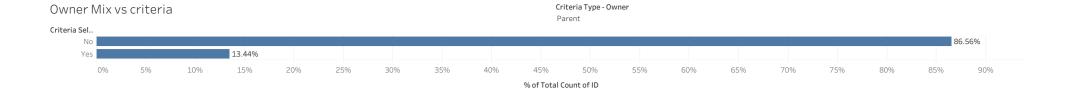
Claim Amount OLD/NEW

930,794 3,699,761

OLD/NEW Claim Amt vs Diff Criteria

Claim	Amount	OLD	/NEW
-------	--------	-----	------

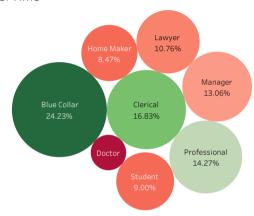
930.794	3.699.761



Bluebook vs occupation

		5,078,810	28,560,330	
Blue Collar	Manager	Lawyer	Home Maker	
28,560,330	17,752,640	13,513,870	7,846,490	
Professional	Clerical	Student	Doctor	
19,120,260	16,924,040	7,254,440	5,078,810	

Occupation vs Travel Time

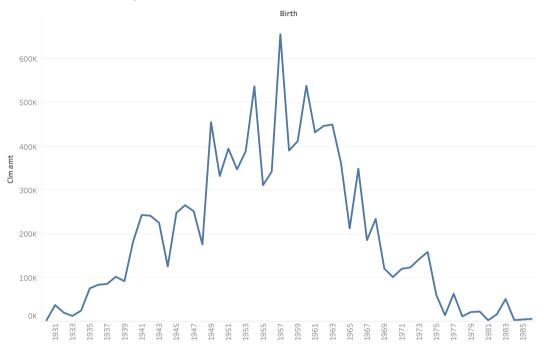


Claim Amt vs Claim Freq vs Car type Urbanicity AII Sports Car Gender Claim Amt: 1,696,507 Van All Claim Freq: 868 Claim Amt: 1,039,239 Panel Truck Claim Amt: 930,794 Claim Freq: 382 Pickup Claim Amt: 2,092,868

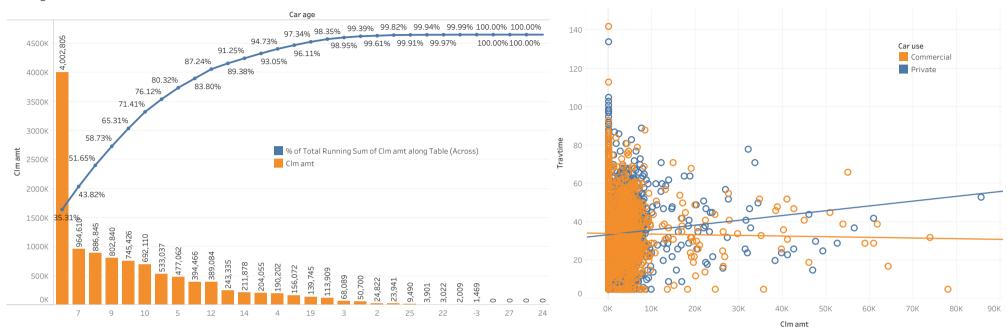
Claim Freq: 1,073

382 1,831

Claim Amount with respect to YOB of Car Owners

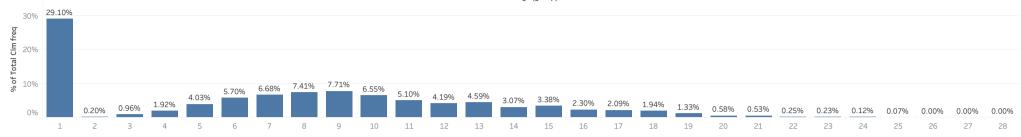


Travel Time vs Claim Amt vs Car use

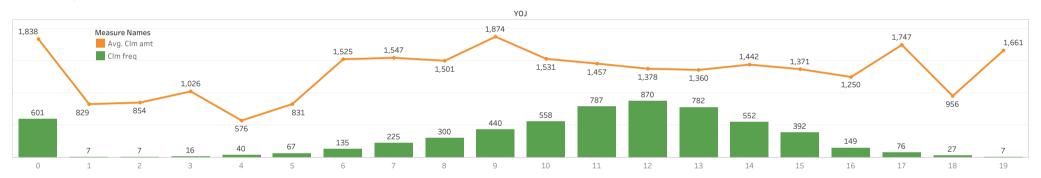


Claim Freq vs Car Age

Car age (group)



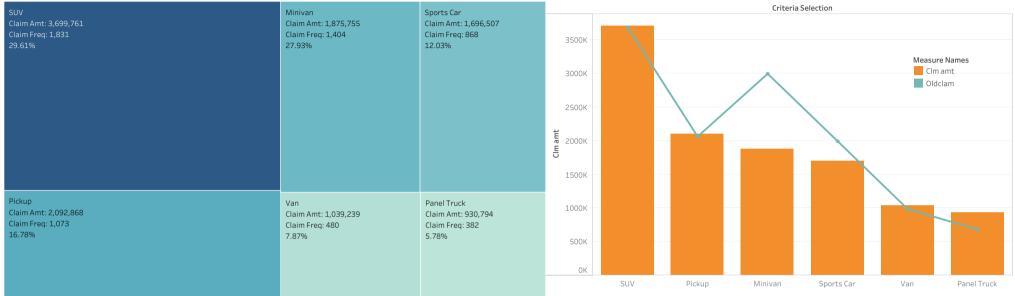
Claim Freq, Amt vs YOJ



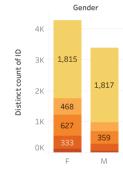
OLD/ NEW Claim Amount NEW YOJ 0 to 19 and Null values Criteria Type - Claim Car Type

OLD/NEW Claim Amt vs Diff Criteria

New vs Old Claim Amt by diff. Criteria



Welcome!	Customers Analysis: Here we are analysing the customers as per our Dataset. In this we observe large percentage of Customers are Female, with SUVs, using them as Private, mostly educated till High School, do Blue Collar Jobs, Married. Similar to above Customers with Blue Collar Jobs have spent the largest amount of Time in Travelling. Then we have Customers with Clerical jobs who spent large number of time in travelling and so on.	Claim Analysis 1: First, we are Analysing the Claim Amt, Claim Freq with city and gender. From this we observed that for Rural as well as urban city Claim Amt and Freq is higher for SUVs. But in case of Gender, Males have the Claim Amt higher for Minivans. Second, we are analysing Claim Amt with the Customers birth or say age from today and we observed that customers born between 1953 to 1961 have higher no. of claims than any other age group or with age around 60s.	Clai m An alysi s 2: First, we
----------	---	--	---



Homekids



	Customers Analysis: Here we are analysing the customers as per our Dataset. In this we observe large percentage of Customers are Female, with SUVs, using them as Private, mostly educated till High School, do Blue Collar Jobs, Married. Similar to above Customers with Blue Collar Jobs have spent the largest amount of Time in Travelling. Then we have Customers with Clerical jobs who spent large number of time in travelling and so on.	Claim Analysis 1: First, we are Analysing the Claim Amt, Claim Freq with city and gender. From this we observed that for Rural as well as urban city Claim Amt and Freq is higher for SUVs. But in case of Gender, Males have the Claim Amt higher for Minivans. Second, we are analysing Claim Amt with the Customers birth or say age from today and we observed that customers born between 1953 to 1961 have higher no. of claims than any other age group or with age around 60s.	Clai m An alysi s 2: First, we
Owner Mix vs criteria	Criteria Ty Car Type		

% of Total Count of ID

Criteria Sel..

0% 1% 2% 3% 4% 5% 6% 7% 8% 9% 10% 11% 12% 13% 14% 15% 16% 17% 18% 19% 20% 21% 22% 23% 24% 25% 26% 27% 28% 29% 30% 31% 32%

Occupation vs Travel Time

Bluebook vs occupation

Blue Collar 28,560,330 Professional 19,120,260 Professional 19,120,260 Professional 17,752,640 Professional 16,924,040 Profess



Customers Analysis:

Here we are analysing the customers as per our Dataset. In this we observe large percentage of Customers are Female, with SUVs, using them as Private, mostly educated till High School, do Blue Collar Jobs, Married.

Similar to above Customers with Blue Collar Jobs have spent the largest amount of Time in Travelling. Then we have Customers with Clerical jobs who spent large number of time in travelling and so on.

Claim Analysis 1:

First, we are Analysing the Claim Amt, Claim Freq with city and gender. From this we observed that for Rural as well as urban city Claim Amt and Freq is higher for SUVs. But in case of Gender, Males have the Claim Amt higher for Minivans.

Second, we are analysing Claim Amt with the Customers birth or say age from today and we observed that customers born between 1953 to 1961 have higher no. of claims than any other age group or with age around 60s.

Claim Analysis 2:

First, we have created a Pareto Chart to compare the Claim Amount and its Running Total from which we observed that 35% of customers had already submitted their claim before completing 5 or less years.

Second, we are comparing the Car Use with Travel time and Claim Amt along with a Trend . From this we can observe that for Private use as Travel time increases Claim amt also increases but cant say the same for Commercial vehicles.

st,

im

sis

Claim Amt vs Claim Freq vs Car type

Gender



Claim Amount with respect to YOB of Car Owners



Claim Analysis 1:

First, we are Analysing the Claim Amt, Claim Freq with city and gender. From this we observed that for Rural as well as urban city Claim Amt and Freq is higher for SUVs. But in case of Gender, Males have the Claim Amt higher for Minivans.

Second, we are analysing Claim Amt with the Customers birth or say age from today and we observed that customers born between 1953 to 1961 have higher no. of claims than any other age group or with age around 60s.

Claim Analysis 2:

First, we have created a Pareto Chart to compare the Claim Amount and its Running Total from which we observed that 35% of customers had already submitted their claim before completing 5 or less years.

Second, we are comparing the Car Use with Travel time and Claim Amt along with a Trend . From this we can observe that for Private use as Travel time increases Claim amt also increases but cant say the same for Commercial vehicles.

Claim Analysis 3:

First, we have created a simple bar chart to show the car age and their freq at which Claims are made, we observe that 29 % claims are made in their first year only.

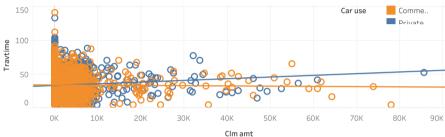
Second, here we are comparing the Claim Freq and Amt with the Year at which Customer has started paying the insurance. At the 0 year the claims are high then at the 12th year its the highest and this whole appears as a bell curve.

Thi s is th.

Car Age vs Claim Amt

EL PART OF TOTAL RUNN. CLM and TOTAL RUNN. CLM

Travel Time vs Claim Amt vs Car use



Claim Anal ysis 1: First, we	Claim Analysis 2: First, we have created a Pareto Chart to compare the Claim Amount and its Running Total from which we observed that 35% of customers had already submitted their claim before completing 5 or less years. Second, we are comparing the Car Use with Travel time and Claim Amt along with a Trend. From this we can observe that for Private use as Travel time increases Claim amt also increases but cant say the same for Commercial vehicles.	Claim Analysis 3: First, we have created a simple bar chart to show the car age and their freq at which Claims are made. we observe that 29 % claims are made in their first year only. Second, here we are comparing the Claim Freq and Amt with the Year at which Customer has started paying the insurance. At the 0 year the claims are high then at the 12th year its the highest and this whole appears as a bell curve.	Claim Analysis 4: This is the really important analysis we are doing as here we have compared our Customers Old Claims and New ones with Different Categories. In Second we can clearly see how does the comparison occurs for different categories. Ike for Minivan the Old claim was higher then the new one. but for rest they are almost similar. We also observed that the criteria for which old claims were high, new claims are also high for them. leaving couple of areas.
---	---	--	--

Claim Freq vs Car Age

Claim Freq, Amt vs YOJ

Carage (group) 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10% | 29.10

Measure N.. Avg. Clm a.. YOJ 1,747 1,525 1,547 1,442 1,838 **1,661** 1,026 1,874 440 1,457

ysis 1: First, we	from which we observed that 35% of customers had completing 5 or less years. Second, we are comparing the Car Use with Travel to From this we can observe that for Private use as Traincreases but cant say the same for Commercial velocities.	: ime and Claim Amt along with a Trend . avel time increases Claim amt also	Second, here we are comparing the Claim Freq and Amt with the Year at which Customer			Old Claims and New ones with Different Categories. In Second we can clearly see how does the comparison occurs for different categories. Ike for Minivan the Old claim was higher then the new one. but for rest they are almost simils. We also observed that the criteria for which old claims were high, new claims are also hig for them. leaving couple of areas.				
OL	OLD/NEW Claim Amt vs Diff Criteria		YOJ 0 to 19 and Null values		Criteria Ty New vs	Education Old Claim Amt b	oy diff. Crite	ria		
Hig	h School	Bachelors	<high school<="" th=""><th>Masters</th><th></th><th></th><th></th><th>Criteria Selection</th><th>Maa</th><th>cure N</th></high>	Masters				Criteria Selection	Maa	cure N
Clai	im Amt: 4,321,307 im Freq: 1,971	Claim Amt: 3,178,286 Claim Freq: 1,797	Claim Amt: 2,193,270 Claim Freq: 979	Claim Amt: 1,128,328	4M			Measure N Clm amt Oldclam		
	16%	28.97%	15.60%	Claim Freq: 905 17.20%	Clm amt					
				PhD	MO					
				Claim Amt: 513,733		High School	Bachelors	<high school<="" td=""><td>Masters</td><td>PhD</td></high>	Masters	PhD

Anal First, we have created a Pareto Chart to compare the Claim Amount and its Running Total First, we have created a simple bar chart to show the car age and their freq at which Claims

This is the really important analysis we are doing as here we have compared our Customers

Claim Analysis 3:

Claim Analysis 4:

Claim Claim Analysis 2: