Education

Education	
	<High School
	Bachelors
	High School
	Masters
	PhD

Clm Amt

- High School: 4,321,307
- Bachelors: 3,176,817
- <High School: 2,193,270
- Masters: 1,128,328
- PhD: 513,733

Education

Education
- <High School
- Bachelors
- High School
- Masters
- PhD

Clm Amt values by Education:
- High School: 4,321,307
- Bachelors: 3,176,817
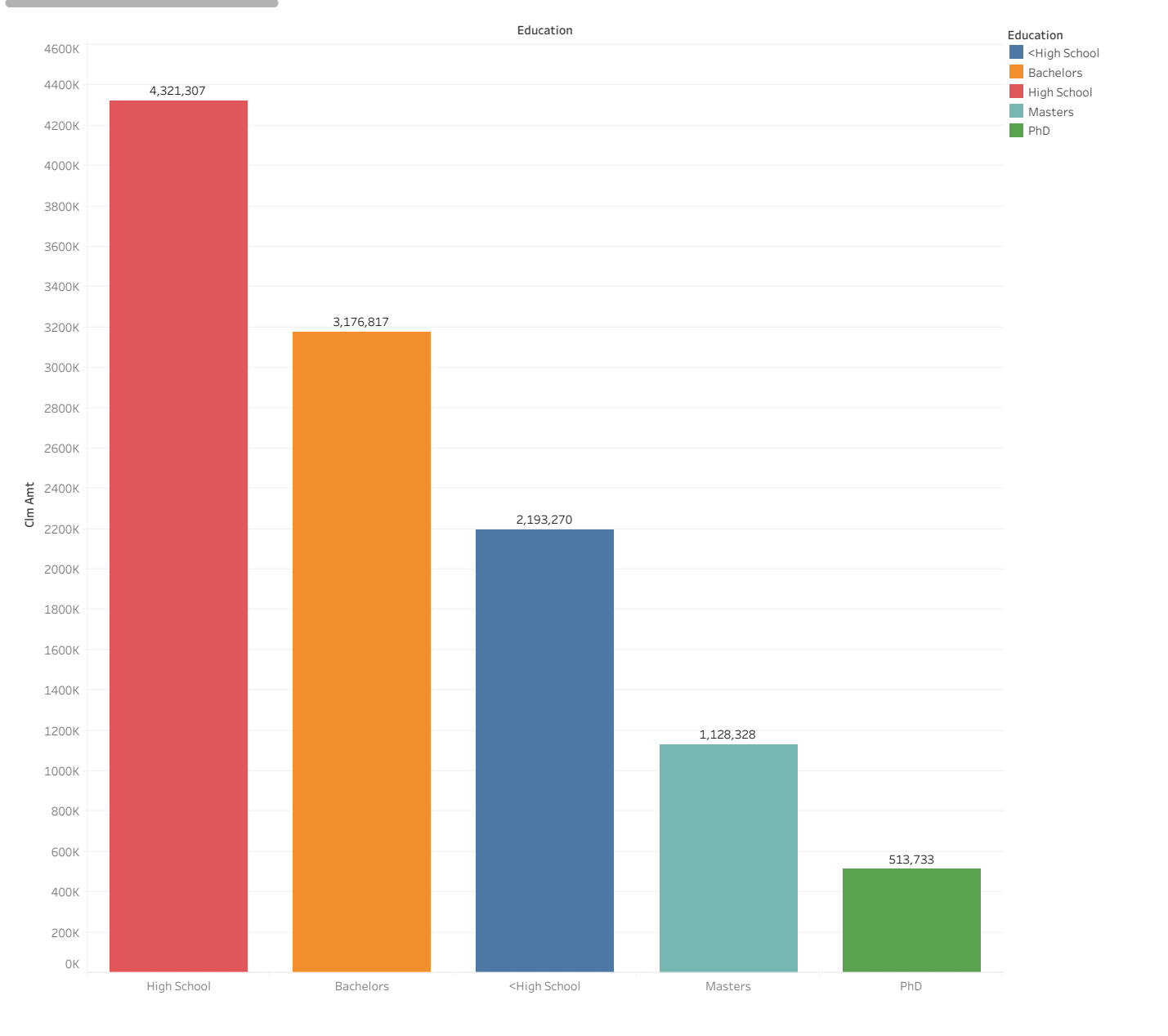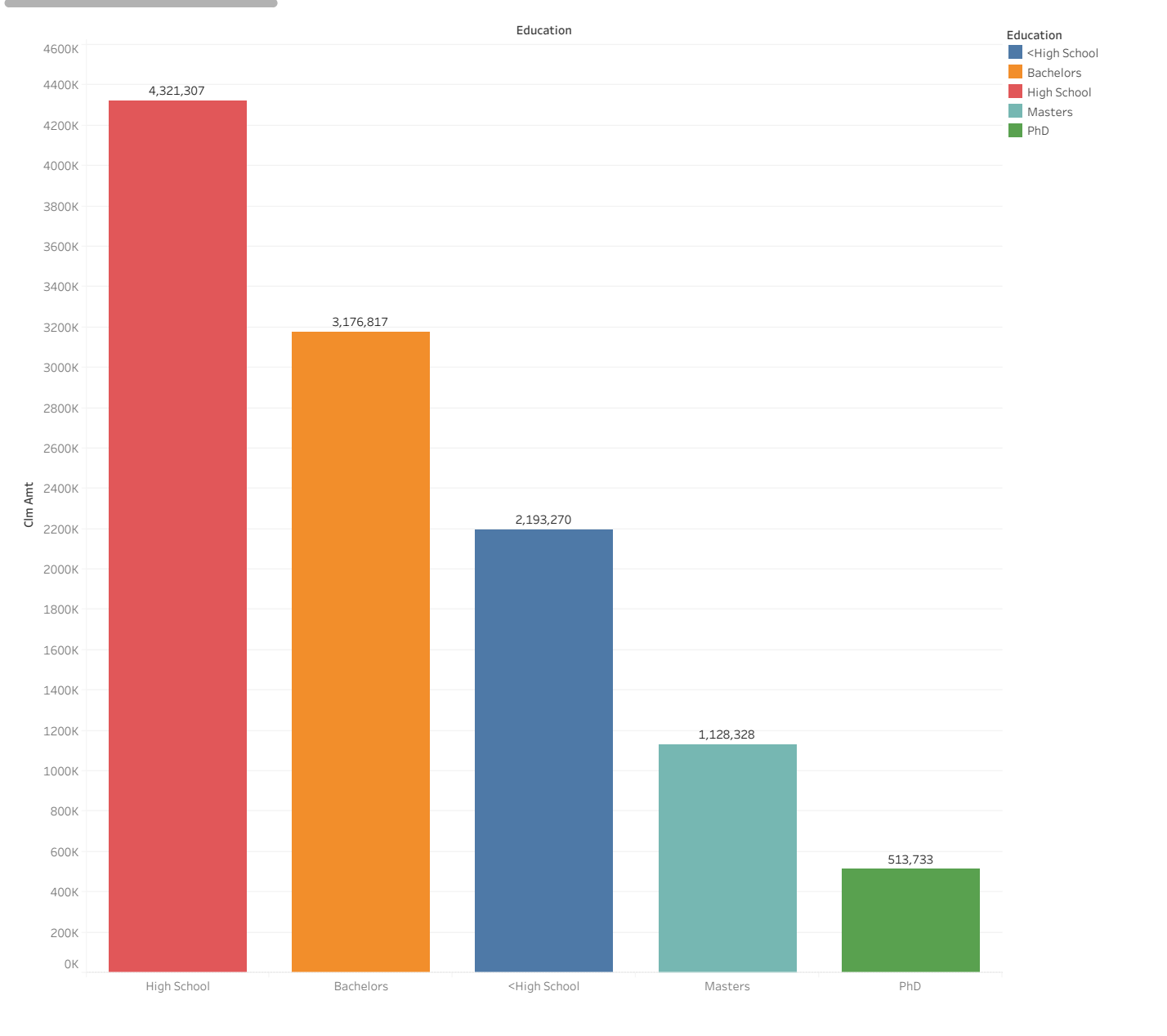- <High School: 2,193,270
- Masters: 1,128,328
- PhD: 513,733

Car Owners who have education upto High School has Claimed hig..

While those has education upto Phd(which is highest amongst all) has cl..

We can also see the same behaviour about the Old claim status based on ow..

Side by Side comparison of Current Claim and Old Claim based on owner's educati..

SUV car owners took claim for the insurance most in past 5 years and f..

Education
- <High School
- Bachelors
- High School
- Masters
- PhD

Oldclaim
30,773,583

PhD
1,811,569

Masters
4,862,732

<High School
4,924,372

Bachelors
8,886,307

High School
10,288,603

While those has education upto Phd(which is highest amongst all..

We can also see the same behaviour about the Old claim status based on ow..

Side by Side comparison of Current Claim and Old Claim based on owner's educati..
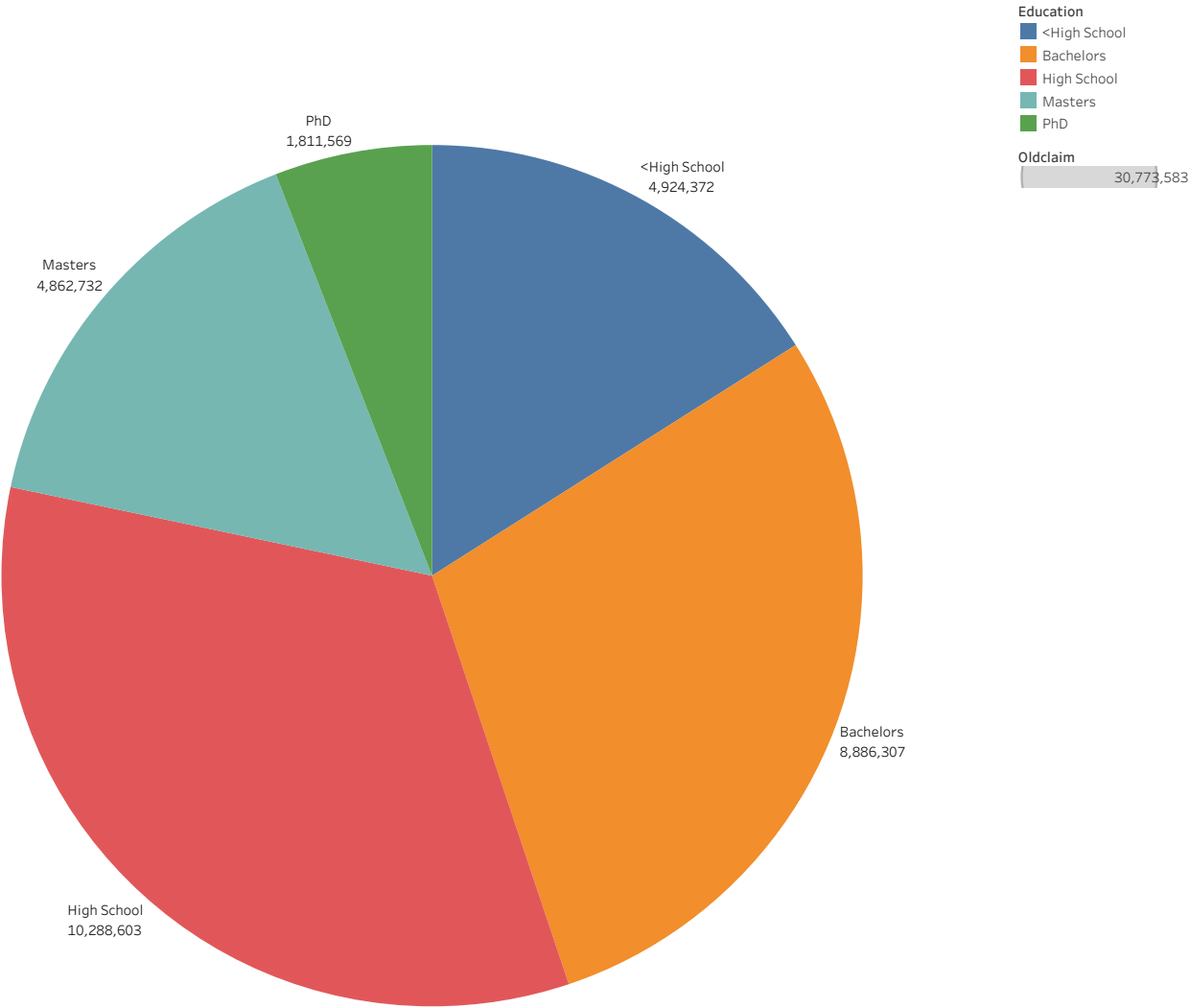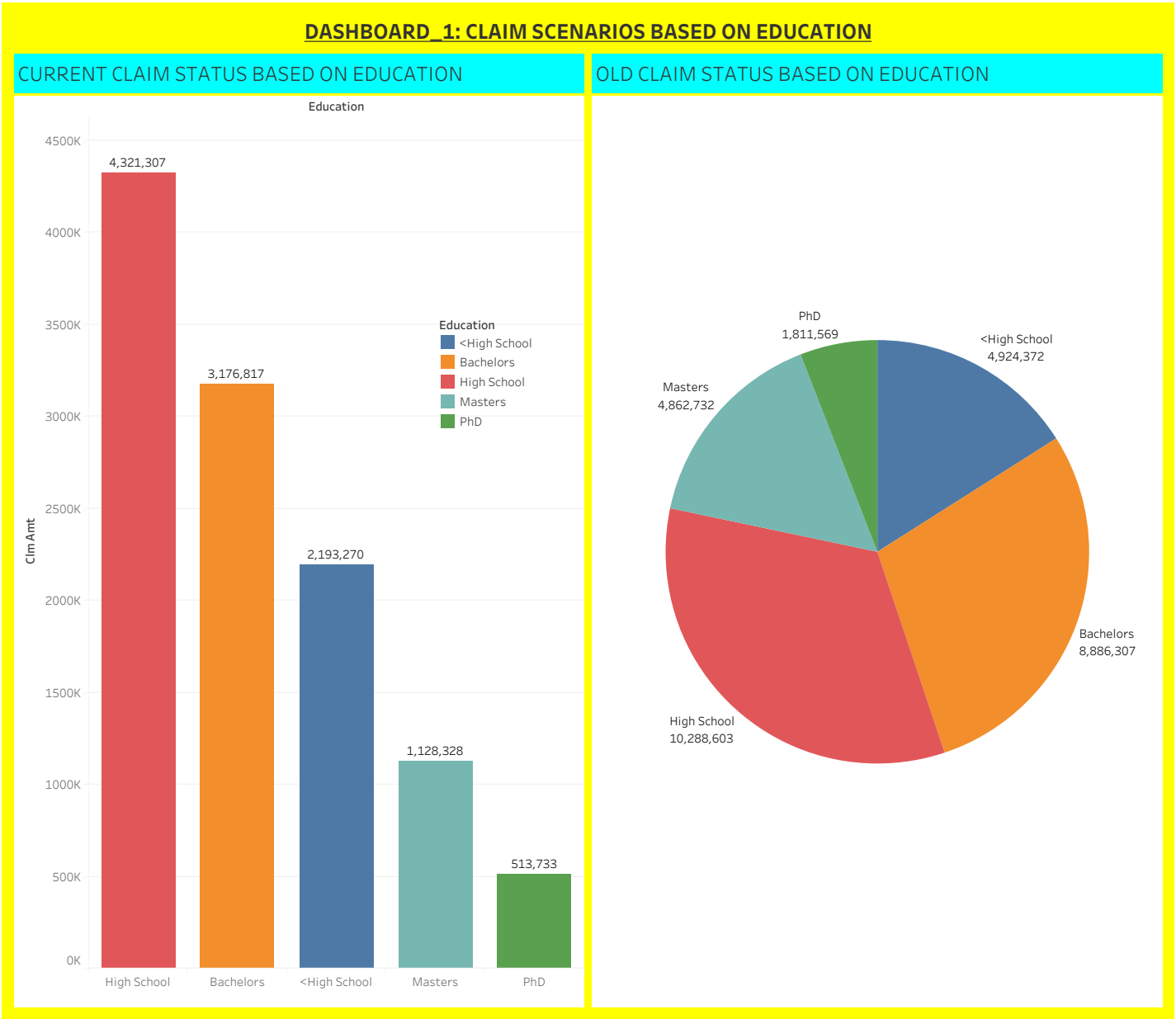
SUV car owners took claim for the insurance most in past 5 years and follo..

But one thing also we need to notice here that SUV owners who are Fema..

DASHBOARD_1: CLAIM SCENARIOS BASED ON EDUCATION

CURRENT CLAIM STATUS BASED ON EDUCATION

Education

Clm Amt

- 4,321,307
- 3,176,817
- 2,193,270
- 1,128,328
- 513,733

Education
- <High School
- Bachelors
- High School
- Masters
- PhD

X-axis: High School, Bachelors, <High School, Masters, PhD

OLD CLAIM STATUS BASED ON EDUCATION

PhD
1,811,569

<High School
4,924,372

Masters
4,862,732

Bachelors
8,886,307

High School
10,288,603

Car Type

Car Type
- Minivan
- Panel Truck
- Pickup
- Sports Car
- SUV
- Van

Car Type	Oldclaim
SUV	9,152,759
Minivan	7,439,511
Pickup	5,089,602
Sports Car	4,949,785
Van	2,445,178
Panel Truck	1,696,748

Oldclaim

Car Type

Gender
- F
- M

Car Type

Clm Amt

930,794   3,699,761

3,699,761

2,091,399

1,875,755

1,696,507

1,039,239

930,794

Clm Amt

Minivan   Panel Truck   Pickup   Sports Car   SUV   Van

DASHBOARD_2: CLAIMS BASED ON CAR TYPES

CURRENT CLAIM BASED ON CAR TYPES

Car Type

Clm Amt
930,794 — 3,699,761

- Minivan: 1,875,755
- Panel Truck: 930,794
- Pickup: 2,091,399
- Sports Car: 1,696,507
- SUV: 3,699,761
- Van: 1,039,239

OLD CLAIM BASED ON DIFFERENT CAR TYPES

Car Type

- SUV: 9,152,759
- Minivan: 7,439,511
- Pickup: 5,089,602
- Sports Car: 4,949,785
- Van: 2,445,178
- Panel Truck: 1,696,748

Car Type: Minivan, Panel Truck, Pickup, Sports Car, SUV, Van

Oldclaim

CLAIM FREQUENCY BASED ON CAR TYPES AND GENDER

Car Type

Gender: F, M

- Minivan: F 416, M 988
- Panel Truck: M 371
- Pickup: F 266, M 804
- Sports Car: 844
- SUV: F 1,747, M
- Van: M 424

Clm Freq

Professional
1,735,398

Manager
600,950

Student
1,233,255

Blue Collar
3,892,012

Clerical
1,996,144

Doctor
142,524
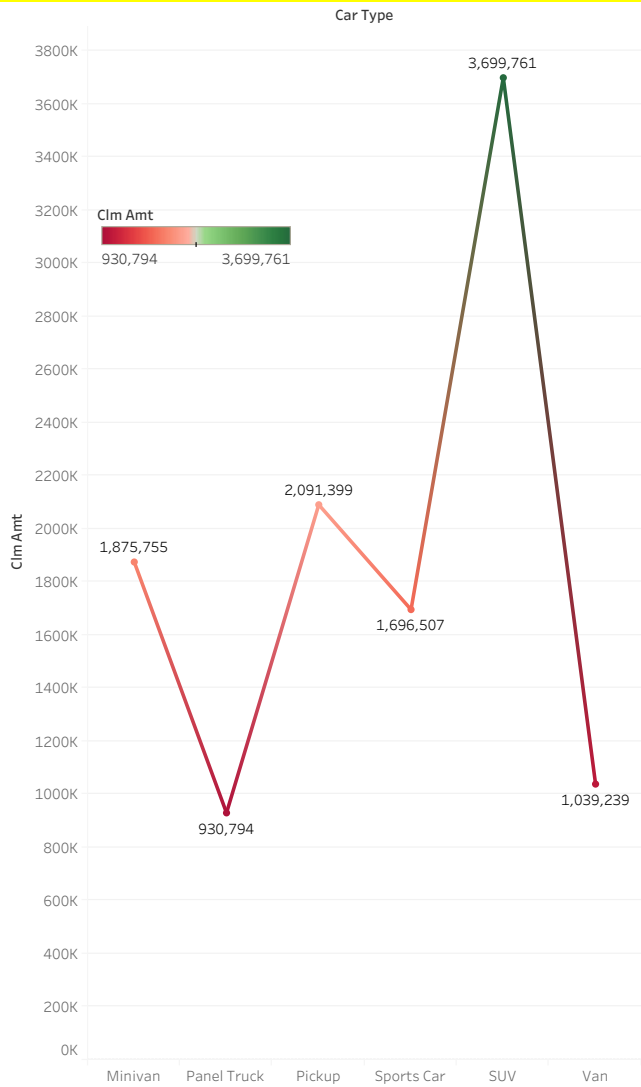
Home Maker
910,238

Lawyer
822,934
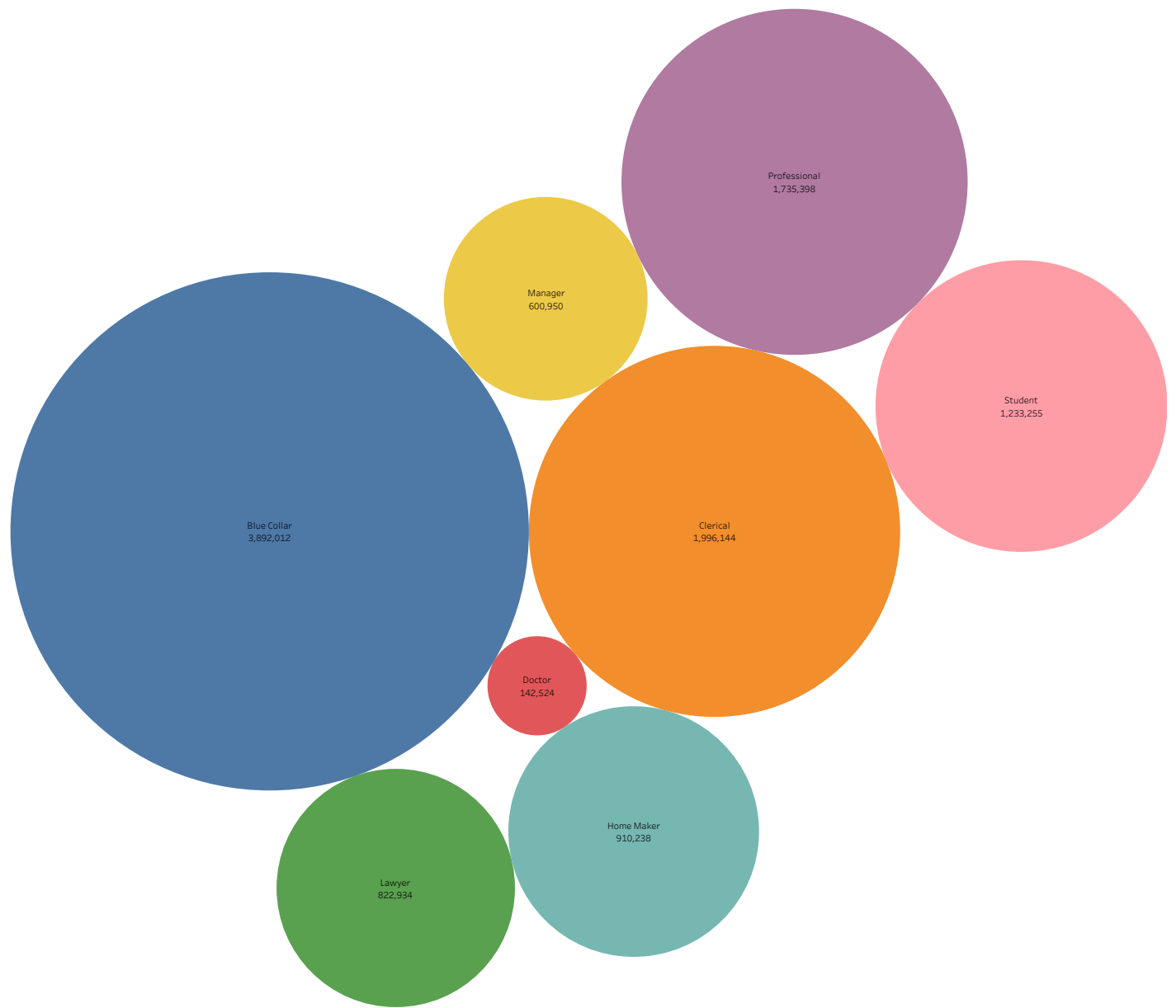
Here we can see the whole scenario based on car types.

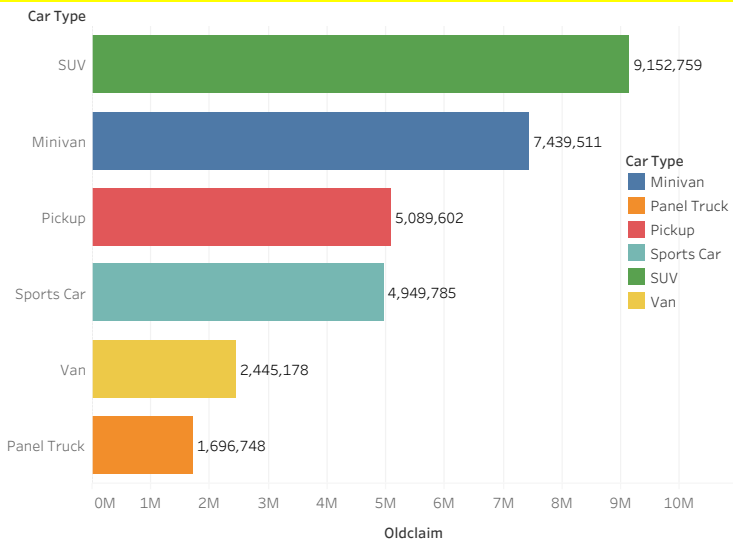The marks are labeled by Occupation and sum of Clm Amt. The maximum amount i..

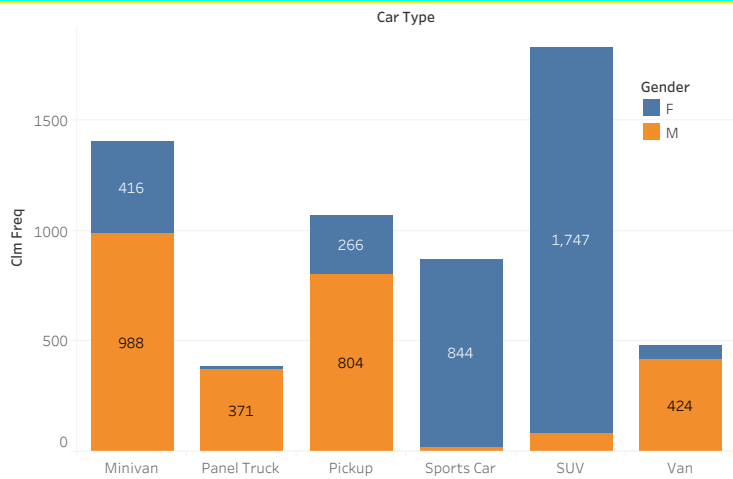Ananlysis of Old and Current Claim based on owner's occupation, income and gen..

Female and Male with Blue Collar occupation who has highest income clai..

In the same story, it has also been observed that students(both female..

CURRENT CLAIM STATUS BASED ON OCCUPATION USING BUBBLE CHART

Occupation
- Blue Collar
- Clerical
- Doctor
- Home Maker
- Lawyer
- Manager
- Professional
- Student

Professional
1,735,398

Manager
600,950

Student
1,233,255

Blue Collar
3,892,012

Clerical
1,996,144

Doctor
142,524

Home Maker
910,238

Lawyer
822,934
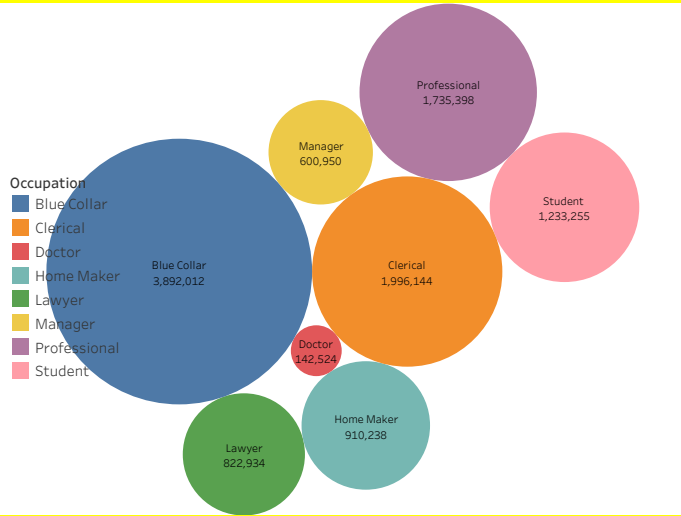
OLD CLAIM BASED ON OCCUPATION USING TREEMAP

Blue Collar 7,789,994	Professional 4,395,772	Manager 3,849,872
Clerical 5,361,950	Student 3,006,994	Home Maker 2,638,946
	Lawyer 2,959,069	Doctor 770,986
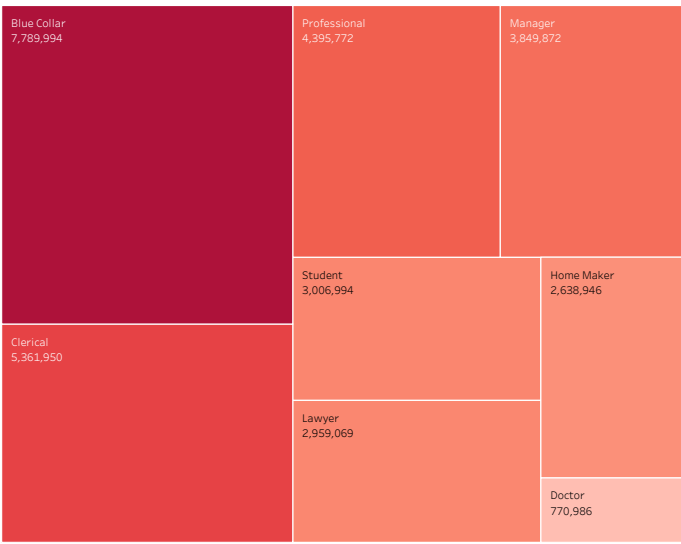
CURRENT CLAIM BASED ON OCCUPATION, INCOME, GENDER

Gender	Occupation		Value
F	Blue Collar	Clm Amt	1,864,605
		Income	55,831,408
	Clerical	Clm Amt	1,186,668
		Income	24,647,227
	Doctor	Clm Amt	93,346
		Income	20,072,837
	Home Maker	Clm Amt	892,096
		Income	7,731,497
	Lawyer	Clm Amt	584,688
		Income	42,221,986
	Manager	Clm Amt	303,467
		Income	43,318,457
	Professional	Clm Amt	900,467
		Income	39,241,376
	Student	Clm Amt	581,034
		Income	2,331,428
M	Blue Collar	Clm Amt	2,027,407
		Income	53,605,084
	Clerical	Clm Amt	809,476
		Income	19,141,920
	Doctor	Clm Amt	49,178
		Income	12,656,260
	Home Maker	Clm Amt	18,142
		Income	353,904
	Lawyer	Clm Amt	238,246
		Income	30,137,062
	Manager	Clm Amt	297,483
		Income	44,899,363
	Professional	Clm Amt	834,931
		Income	44,210,881
	Student	Clm Amt	652,221
		Income	1,755,796

0M   20M   40M   60M

Value

Gender	Occupation			
F	Blue Collar	Clm Amt	1,864,605	
		Income		55,831,408
	Clerical	Clm Amt	1,186,668	
		Income	24,647,227	
	Doctor	Clm Amt	93,346	
		Income	20,072,837	
	Home Maker	Clm Amt	892,096	
		Income	7,731,497	
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		Income	42,221,986	
	Manager	Clm Amt	303,467	
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	Professional	Clm Amt	900,467	
		Income	39,241,376	
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M	Blue Collar	Clm Amt	2,027,407	
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	Professional	Clm Amt	834,931	
		Income	44,210,881	
	Student	Clm Amt	652,221	
		Income	1,755,796	

Measure Names
- Clm Amt
- Income

0M 5M 10M 15M 20M 25M 30M 35M 40M 45M 50M 55M 60M 65M

Value

Measure Names
- Clm Amt
- Income

Gender	Occupation		Clm Amt	Income
F	Blue Collar	Clm Amt	1,864,605	
		Income		55,831,408
	Clerical	Clm Amt	1,186,668	
		Income		24,647,227
	Doctor	Clm Amt	93,346	
		Income		20,072,837
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		Income		43,318,457
	Professional	Clm Amt	900,467	
		Income		39,241,376
	Student	Clm Amt	581,034	
		Income		2,331,428
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		Income		53,605,084
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		Income		19,141,920
	Doctor	Clm Amt	49,178	
		Income		12,656,260
	Home Maker	Clm Amt	18,142	
		Income		353,904
	Lawyer	Clm Amt	238,246	
		Income		30,137,062
	Manager	Clm Amt	297,483	
		Income		44,899,363
	Professional	Clm Amt	834,931	
		Income		44,210,881
	Student	Clm Amt	652,221	
		Income		1,755,796

0M 5M 10M 15M 20M 25M 30M 35M 40M 45M 50M 55M 60M 65M

Value

Female and Male with Blue Collar occupation who has highest inco..

In the same story, it has also been observed that students(both female an..

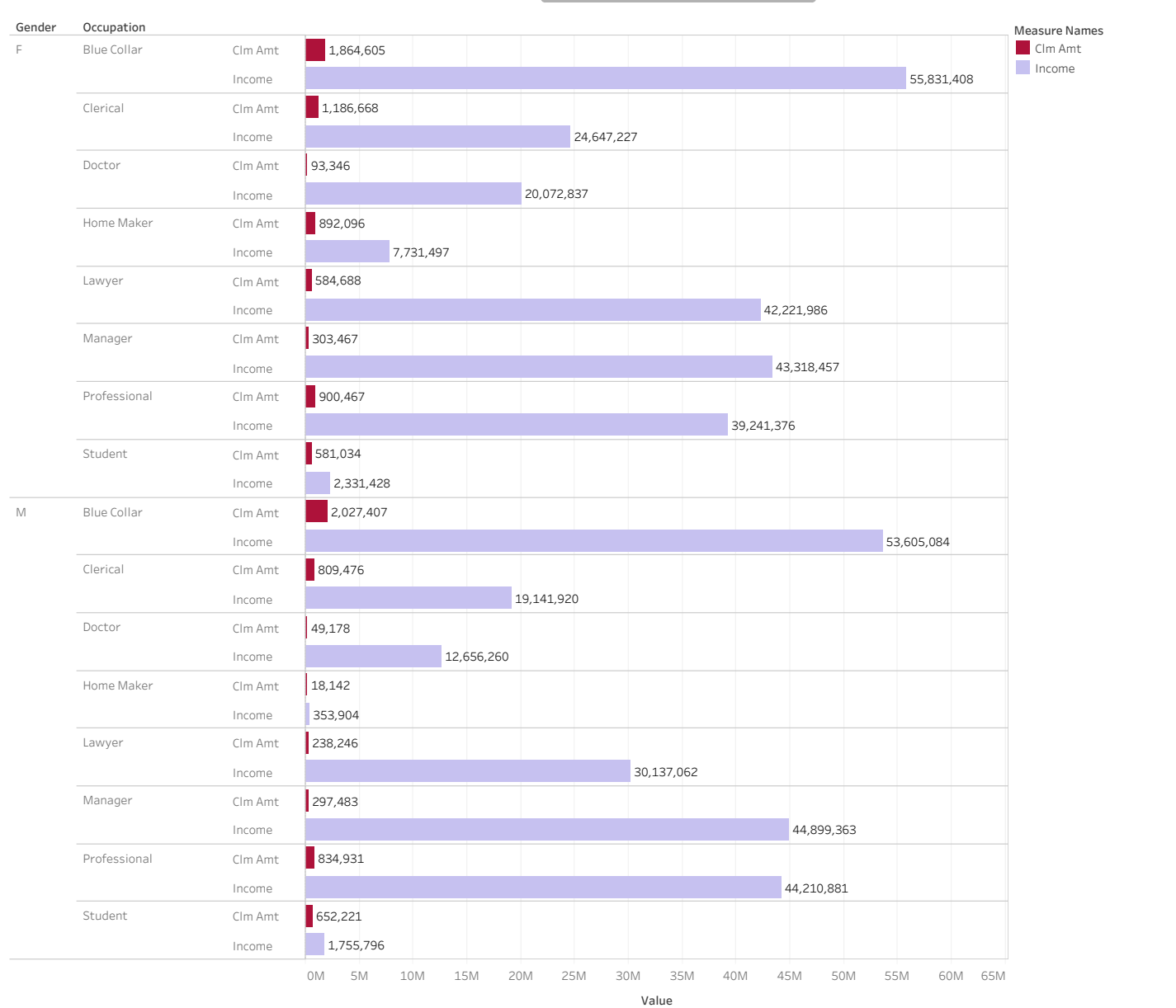It can be clearly seen that Rural areas people does not claim much. The most cl..

Those who are married in urban areas with good income took claim for their ca..

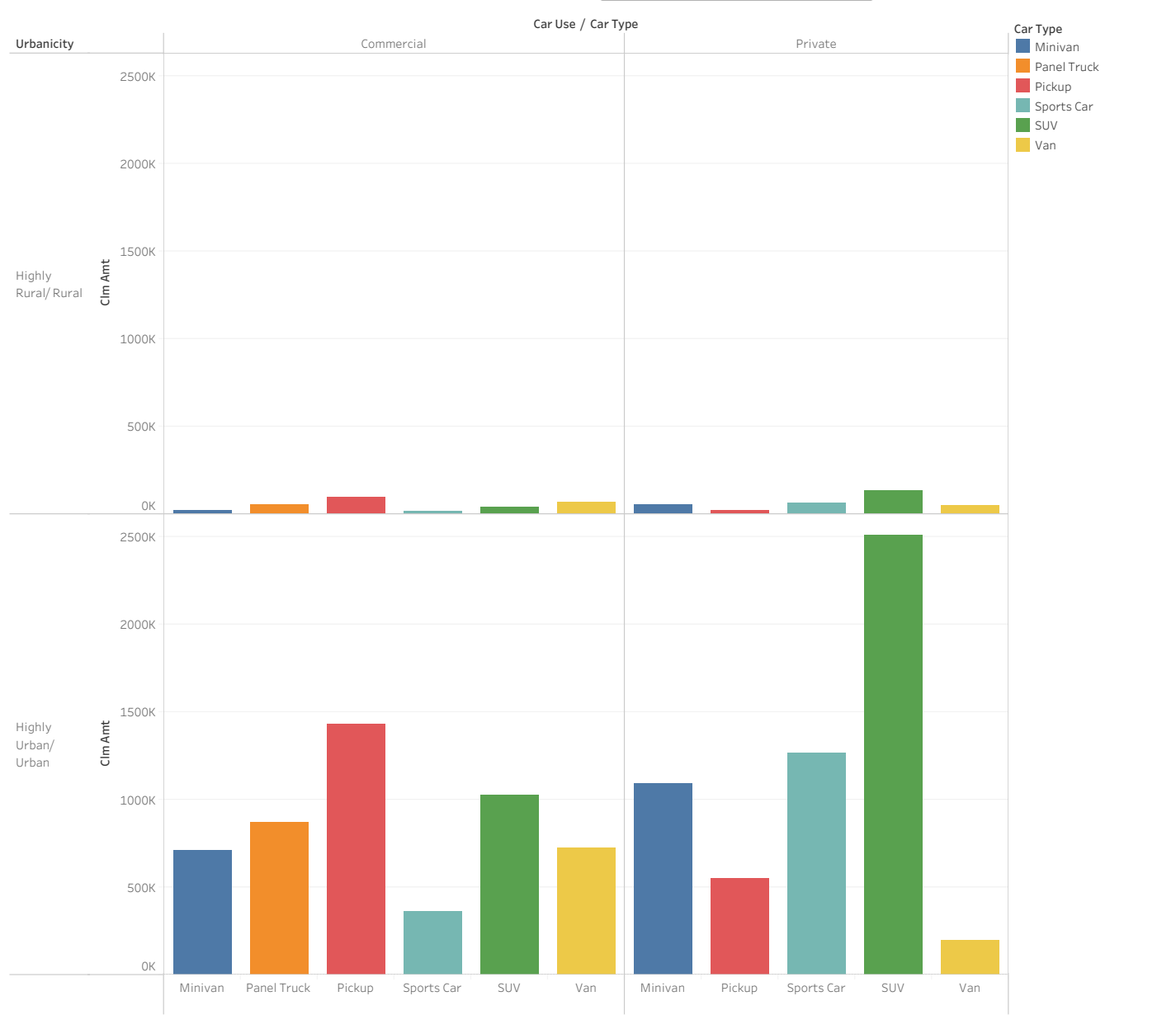In PRIVATE USE: Total Claimed amount for Minivan is highest follo..

Car Use / Car Type

Car Type
- Minivan
- Panel Truck
- Pickup
- Sports Car
- SUV
- Van

Urbanicity

Commercial | Private

Highly Rural/ Rural

Highly Urban/ Urban

Clm Amt

Urbanicity / Mstatus

| Highly Rural/ Rural | Highly Urban/ Urban |

Mstatus
- No
- Yes

219,502,919

155,989,242

40,527,356

26,136,969

Income

200M

150M

100M

50M

0M

3,102

2,561

Clm Freq

3000

2500

2000

1500

1000

500

0

188   184

No   Yes   No   Yes

Car Use / Car Type

	Commercial		Private

Total Claimed Amount

120M

110M

100M

90M

80M

70M

60M

50M

40M

30M

20M

10M

0M

Commercial: Minivan, Panel Truck, Pickup, Sports Car, SUV, Van

Private: Minivan, Pickup, Sports Car, SUV, Van

Those who are married in urban areas with good income took clai..

In PRIVATE USE: Total Claimed amount for Minivan is highest followed by SUV c..

Education and sum of Total Claimed Amount. Color shows sum of Total Clai..

Sum of Total Claimed Amount for each Car Type broken down by Gender and Ur..
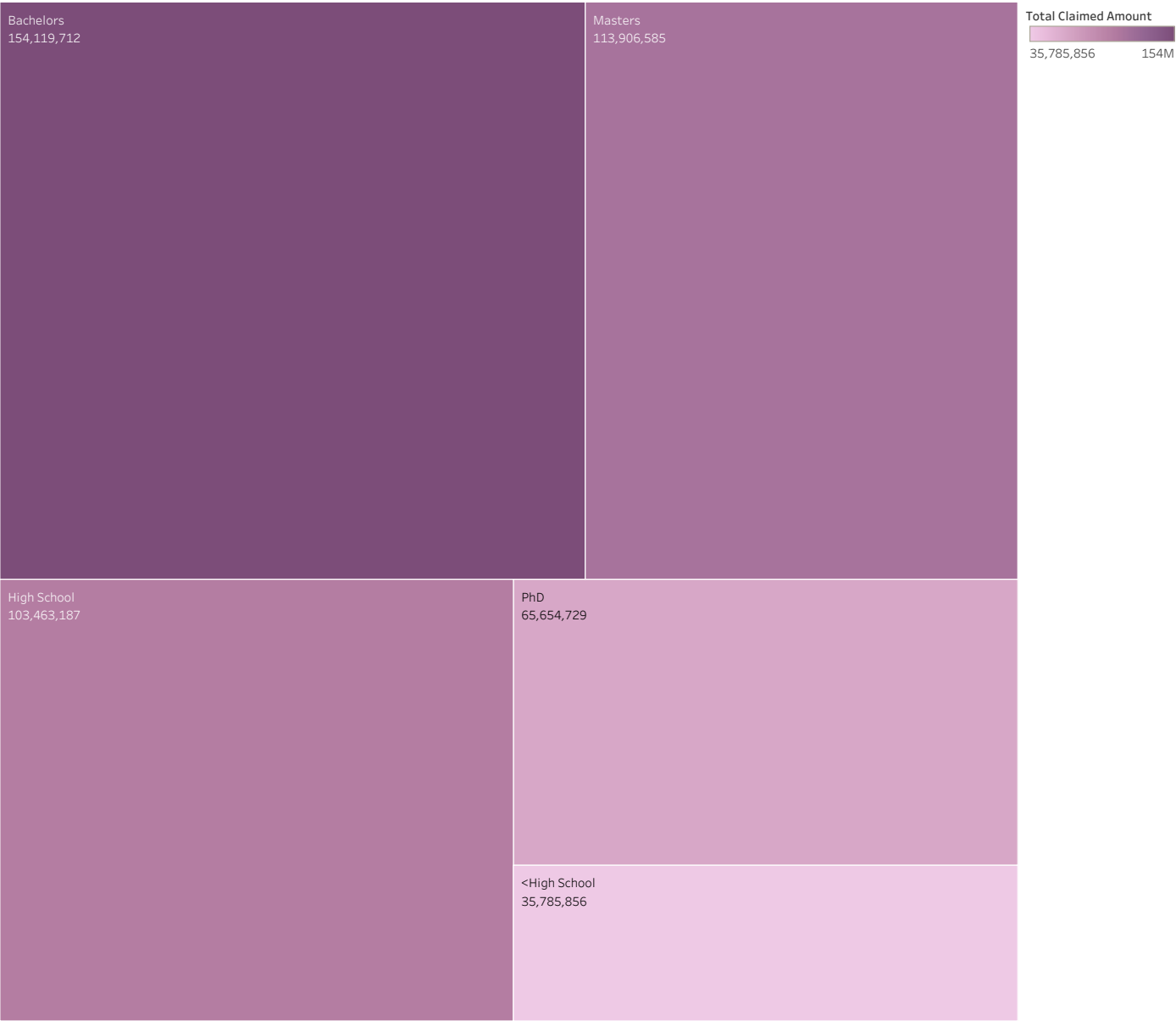
IN RURAL AREAS: Same scenario can be observed here also, Female SUV o..

Bachelors
154,119,712

Masters
113,906,585

Total Claimed Amount

35,785,856   154M

High School
103,463,187

PhD
65,654,729

<High School
35,785,856

Gender	Urbanici..	Car Type	Total Claimed Amount
F	Highly Rural/ Rural	Minivan	6,366,629
		Panel Truck	242,434
		Pickup	3,041,287
		Sports Car	8,048,729
		SUV	18,784,426
		Van	1,042,689
	Highly Urban/ Urban	Minivan	44,609,555
		Panel Truck	2,027,185
		Pickup	22,985,939
		Sports Car	39,344,350
		SUV	99,842,138
		Van	6,672,935
M	Highly Rural/ Rural	Minivan	13,212,337
		Panel Truck	4,484,171
		Pickup	7,905,718
		Sports Car	225,006
		SUV	332,725
		Van	5,147,276
	Highly Urban/ Urban	Minivan	81,491,000
		Panel Truck	29,413,528
		Pickup	35,724,049
		Sports Car	1,259,459
		SUV	5,015,385
		Van	35,711,119

Urbanicity
- Highly Rural/ Rural
- Highly Urban/ Urban

Total Claimed Amount

Education and sum of Total
Claimed Amount. Color shows su..

Sum of Total Claimed Amount for each
Car Type broken down by Gender and Ur..

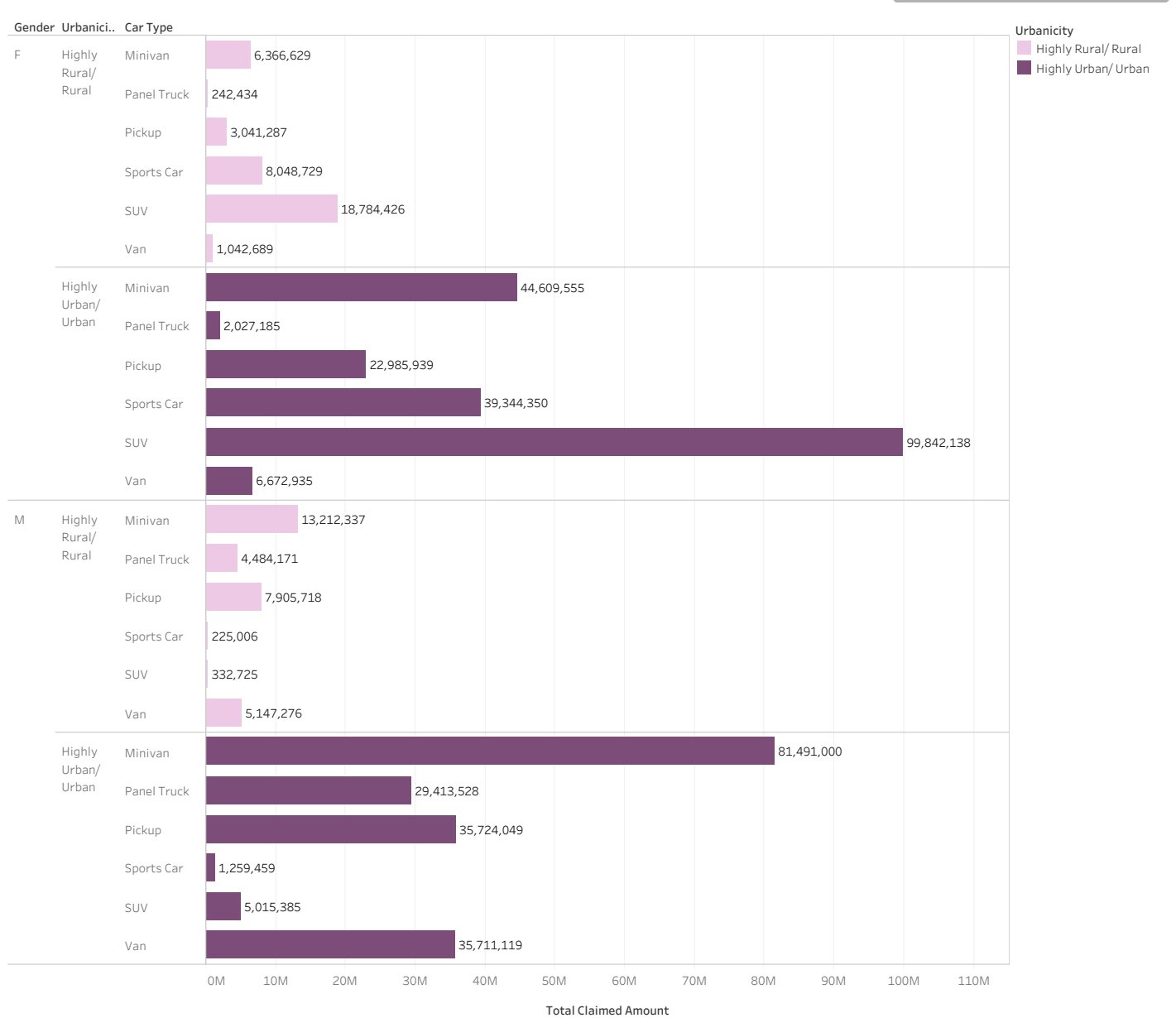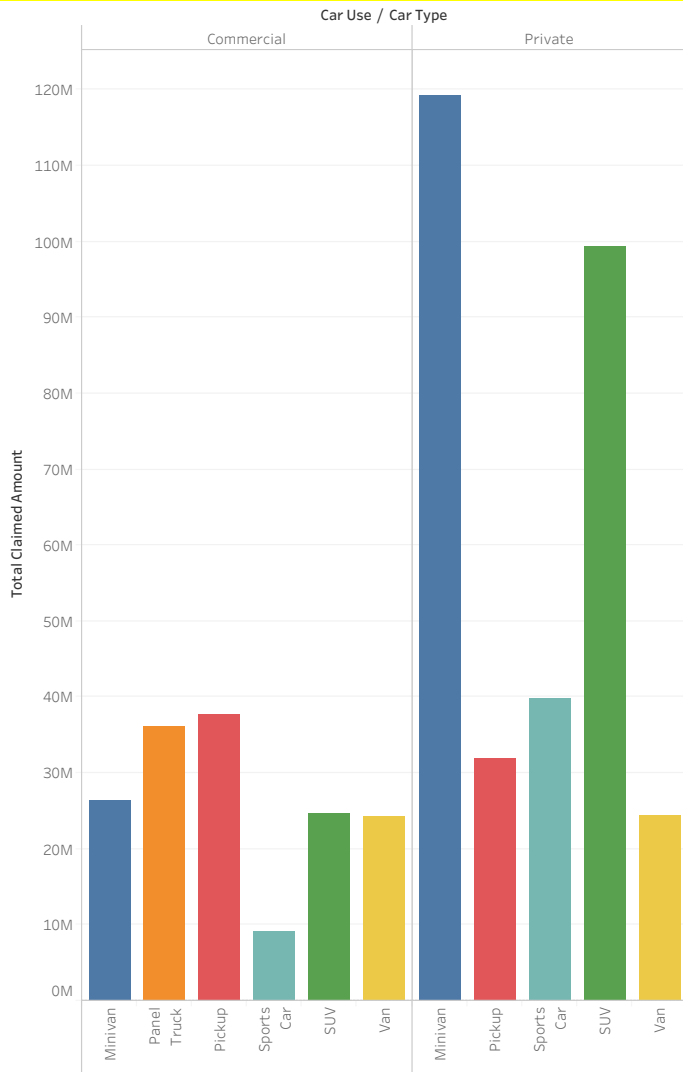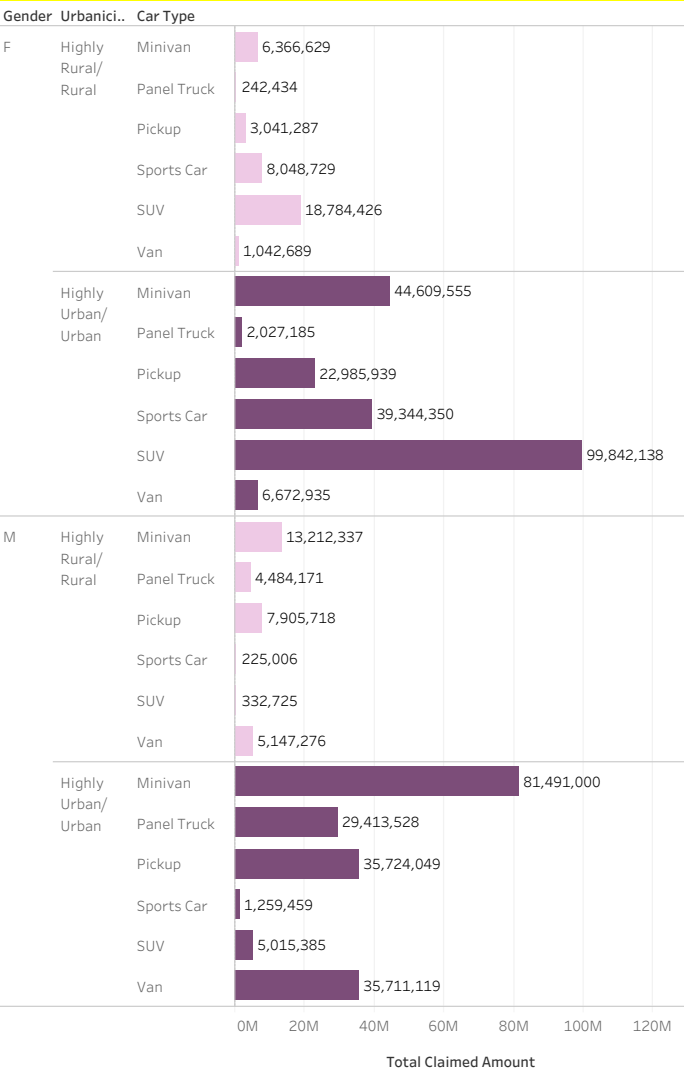IN RURAL AREAS: Same scenario can be
observed here also, Female SUV owners..

Calculated field: Analysis of total claimed
amount based on few factors

Summary, Observations and
Recommendations for the whole an..

Gender	Urbanici..	Car Type		
F	Highly Rural/ Rural	Minivan	6,366,629	
		Panel Truck	242,434	
		Pickup	3,041,287	
		Sports Car	8,048,729	
		SUV	18,784,426	
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		SUV	332,725	
		Van	5,147,276	
	Highly Urban/ Urban	Minivan	81,491,000	
		Panel Truck	29,413,528	
		Pickup	35,724,049	
		Sports Car	1,259,459	
		SUV	5,015,385	
		Van	35,711,119	

Urbanicity

Highly Rural/ Rural
Highly Urban/ Urban

0M 10M 20M 30M 40M 50M 60M 70M 80M 90M 100M 110M

Total Claimed Amount

DASHBOARD_5: ANALYSIS OF TOTAL CLAIMED AMOUNT BASED ON FEW FACTORS

TOTAL CLAIMED AMOUNT(OLD + CURRENT) BASED ON CAR TYPES AND USE

TOTAL CLAIMED AMOUNT BASED ON GENDER AND AREAS OF THE OWNER

Gender	Urbanici..	Car Type	Total Claimed Amount
F	Highly Rural/ Rural	Minivan	6,366,629
		Panel Truck	242,434
		Pickup	3,041,287
		Sports Car	8,048,729
		SUV	18,784,426
		Van	1,042,689
	Highly Urban/ Urban	Minivan	44,609,555
		Panel Truck	2,027,185
		Pickup	22,985,939
		Sports Car	39,344,350
		SUV	99,842,138
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M	Highly Rural/ Rural	Minivan	13,212,337
		Panel Truck	4,484,171
		Pickup	7,905,718
		Sports Car	225,006
		SUV	332,725
		Van	5,147,276
	Highly Urban/ Urban	Minivan	81,491,000
		Panel Truck	29,413,528
		Pickup	35,724,049
		Sports Car	1,259,459
		SUV	5,015,385
		Van	35,711,119

Education and sum of Total Claimed Amount. Color sho..

Sum of Total Claimed Amount for each Car Type broken down by Gender and Ur..

IN RURAL AREAS: Same scenario can be observed here also, Female SUV owners..

Calculated field: Analysis of total claimed amount based on few factors

Summary, Observations and Recommendations for the whole analys..

DASHBOARD_6: SUMMARY, OBSERVATIONS AND RECOMMENDATION

SUMMARY:

-High School educated people has claimed most. While those with PhD degrees claimed Very less. In the last 5 years also, those with the education level upto high school claimed their insurance most than others.

-SUV car owners claimed most in last 5 years and Panel Truck owners claimed lowest in last 5 years. In the line chart we have seen that the trend line shows that SUV owners took claims for their car insurance highest followed by Pick up cars, but the current claim amount is lowest is case of Van.

-Female SUV owners are most frequently claimed the insurance for their cars than the Male SUV owners. Same in case of Sports Car. The maximum amount is claimed by the occupation with Blue Collar and the minimum amount is claimed by Doctor.

-The dark colour (Blue collar) shows the higher claim amount in the last 5 years and light colour (Doctor) shows the lowest claimed amount in the period of last 5 years.

-Female and Male with Blue Collar occupation who has highest income claims most amongst all, but Managers and Lawyers claim insurance amount very less.

-It can be clearly seen that Rural areas people does not claim much.

The most claims taken by SUV owners of Urban areas whose car is in Private use while the owner of Pick up cars which are for commercial purpose claims most in urban areas.

-Those who are married in urban areas with good income took claim for their car more frequently than those who are unmarried. Rural areas people has less income and claimed less frequently.

-We can see that the worth of the Minivan is highest amongst all, but the claim isn't much.

While Pickup cars woth half of the Minivan Claims more than Minivan, Sports Car and Van.

-In PRIVATE USE: Total Claimed amount for Minivan is highest followed by SUV car claimed amount. Lowest amount claimed by van.

In COMMERCIAL USE: Pickup cars claimed most followed by .Panel Truck.

-Bachelors has the highest total claimed amount.

RECOMMENDATIONS:

-We have seen that the SUV owners are taking claims very frequently, especially the Female SUV drivers.

Drivers/Owners in Urban areas opting to take claim of their car insurance . That means, in the urban areas, either due to the high traffic or due to the high speed of the vehicles , the number of accidents are happening more.It is much higher than the rural areas. Company should focus more in the people of urban areas.

-It has also been observed that the owners with Blue Collar Job who has more income took the claim most, this simply indicates that these people either run their vehicle at high speed due to hurry in rushing towards their work or due to some other reason.

-Those who are more educated drives carefuly and does not need to claim for their car insurance very often, because as per the analysis we can see that the Phd holders took claims very less, but the High School level of educated people claims very often means they don't drive very carefully.

-In rural areas, there are very less chances of such incidents and so they do not need to claim much.

-Company should give their attention to the people of urban areas, mostly female drivers and In rural areas company should make Pickup car owners their priority.

-Company can also get more data about the owners of the cars which are for PRIVATE USE, because Minivan owner is highest claim taker followed by SUV car owner. and In COMMERCIAL USE, i recommend to target more on Pickup car drivers/owners because they claimed most followed by Panel Truck.