# **Car Insurance Claim**



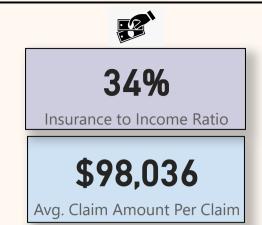
Onyx #DataDNA - Aug'23

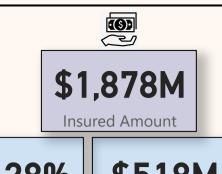


# **Key Highlights**



0.5 Avg. Claim per Customer





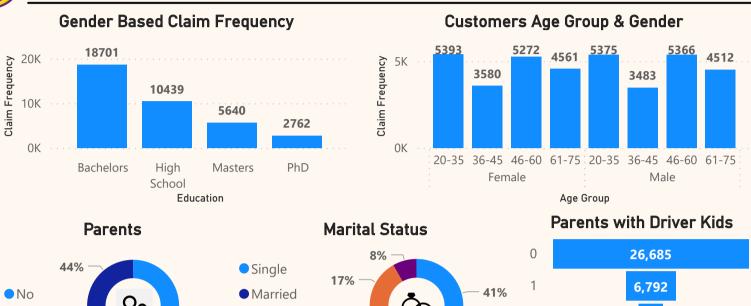
\$518M 28% Claim Ratio Claimed Amount

3,284

781



## **Customers Demographics**



33%



Yes

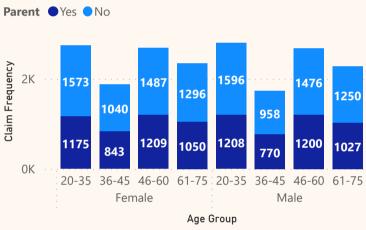
# **Claim Analysis**

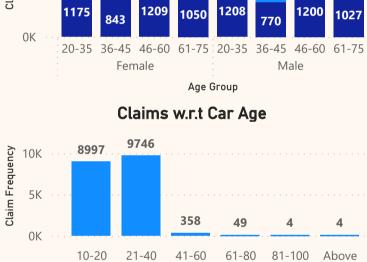
### Gender & Age Based Claim Frequency

**56**%

Divorced

Seperated

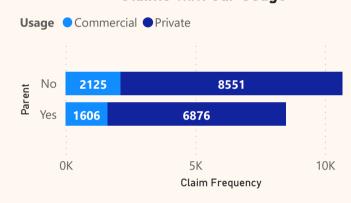




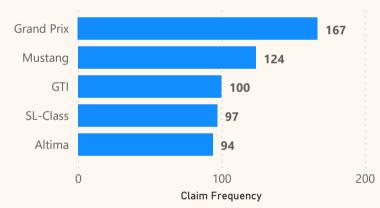
### Claims w.r.t Car Usage

2

3



Top 5 Claimed Car Models





# Financial Analysis

### Top 5 Claimed Car Models

**Parent** 

Car Model	Claim Ratio	Claim Frequency	Amount Claimed
Grand Prix	35%	167	\$12,264,512
Mustang	32%	124	\$12,165,358
Corvette	22%	84	\$11,445,437
Camaro	28%	93	\$8,612,146
Ranger	28%	86	\$8,596,596
Total	29%	554	\$53,084,050

### Avg. Claim Amount w.r.t Customer Age





# **Insights & Recommendations**

### **Insights:**

- 1. Average claim amount increases with the age of customers.
- 2. Parents with 3 kids drivers have highest average claim amount.
- 3. Customers spent 34% of their total household income on car insurance.
- 4. Only 28% of the customers claimed their insurance.
- 5. Around <u>50%</u> of the claims are by new car owners.
- 6. Grand Prix is the most claimed car model having highest claim ratio of 35%.
- 7. Private cars were mostly insured.
- 8. In all customer age groups, non-parents were more proactive in getting their cars insured.
- 9. Insurance claim trend was similar for male and female of respective age groups.

100

### **Recommendations:**

- 1. Design personalized insurance packages for parents & older cars.
- 2. Improve insurance policies to reduce the average claim amount.
- 3. Additional revenue stream can be initiated by sharing the data & pin-pointing the hotspot areas of cars (which were claimed mostly) with car manufacturers.