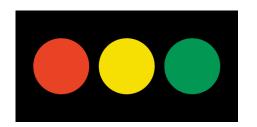


#### **Table of Contents**



- Introduction
- Background Information
- Key Findings Popularity
- Key Findings Price
- Key Findings Specification
- Limitations
- Conclusion

#### **Problem Statement**

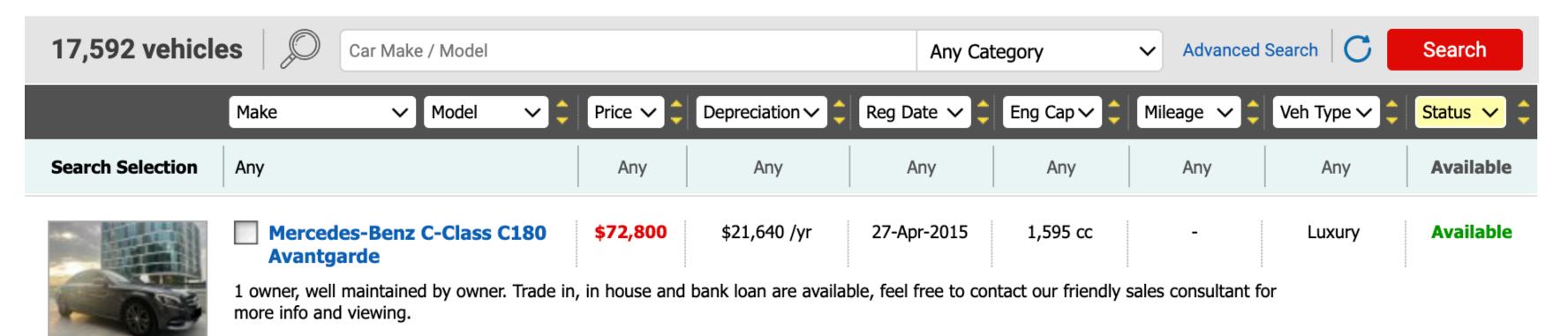


You've been hired by a startup that wishes to get into the <u>used car market</u> in <u>Singapore</u>.

As such, you were tasked to conduct some market research on competitors and come up with business insights.

### **Key Assumptions**

- Sgcarmart represents the entire used car market
- All clients buy used car through online platforms
- Data collected are listings as of 3rd September 2022
- Listings without prices are removed from dataset





Posted: 07-Sep-2022



listing_name	price	depreciation	reg_date	eng_cap	mileage	veh_type	brand	model
Mercedes-Benz GLA-Class GLA200	50888.0	23370.0	2014-05-26	1595.0	123122.0	SUV	Mercedes-Benz	GLA-Class GLA200
Mercedes-Benz A-Class A180 Style	71800.0	17720.0	2016-03-07	1595.0	55000.0	Hatchback	Mercedes-Benz	A-Class A180 Style
Mazda 3 HB 1.5A Deluxe	84800.0	13510.0	2018-04-12	1496.0	44500.0	Hatchback	Mazda	3 HB 1.5A Deluxe
Honda Fit 1.3A GF	72800.0	12120.0	2018-06-22	1317.0	49700.0	Hatchback	Honda	Fit 1.3A GF

### **Background Information**



#### **Market Overview & Size**

Singapore Used Car market is in its growth phase, increasing at a CAGR of -3.1% (by value in SGD Billion) during 2015-2020.

#### **Market Drivers**

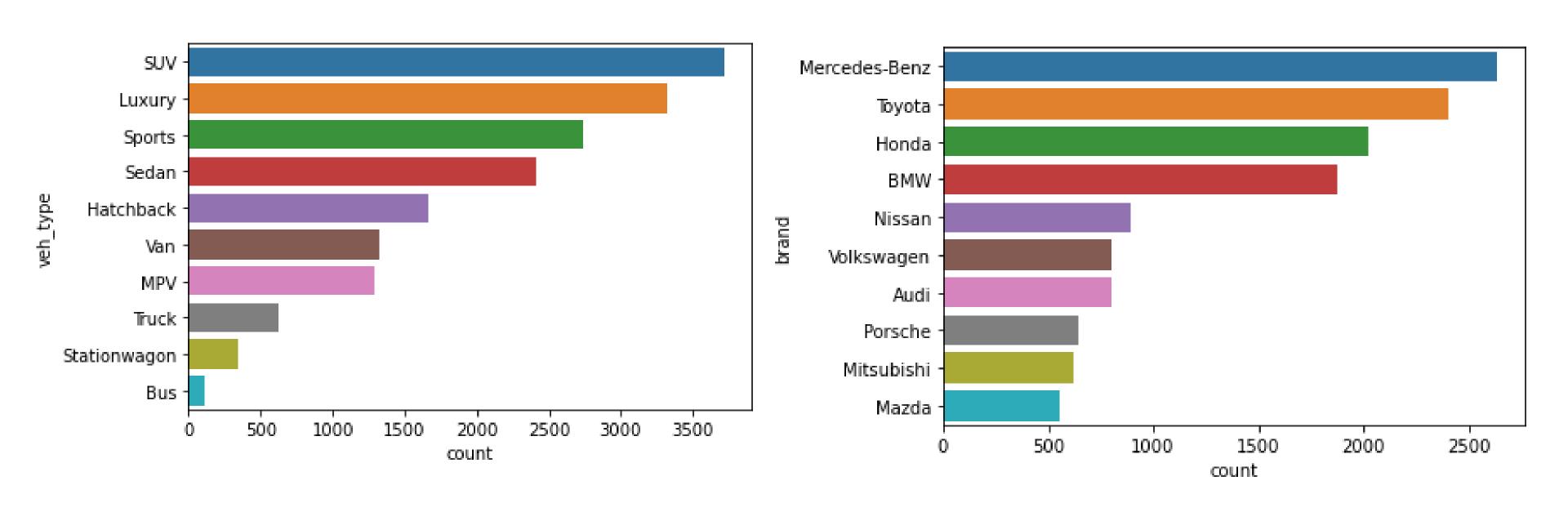
- Demand of private cars
- Convenient financing
- Increased internet penetration
- Enhanced digitalization of the used cars space

#### **Market Future Outlook**

The used car industry in Singapore is expected to demonstrate a decent growth in the future. It is expected to increase at a **five-year CAGR of 11.1%** (by value in SGD Billion) from 2020 to 2025E.

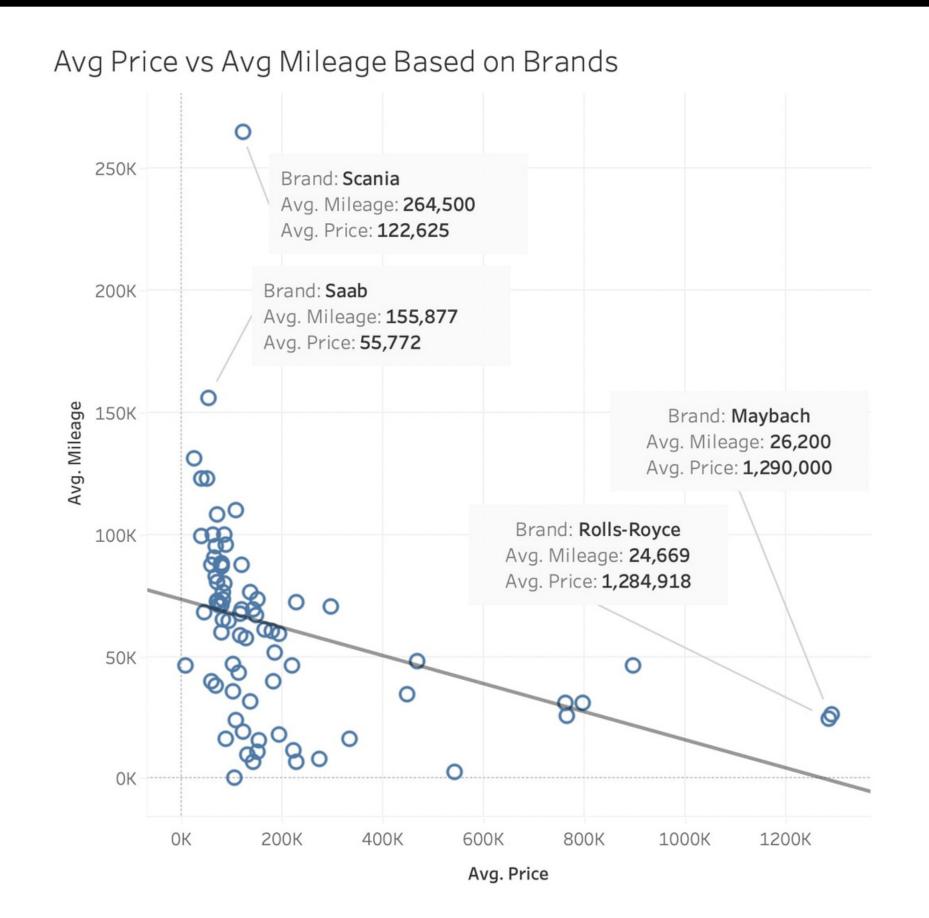
## **Key Insights - Popularity**

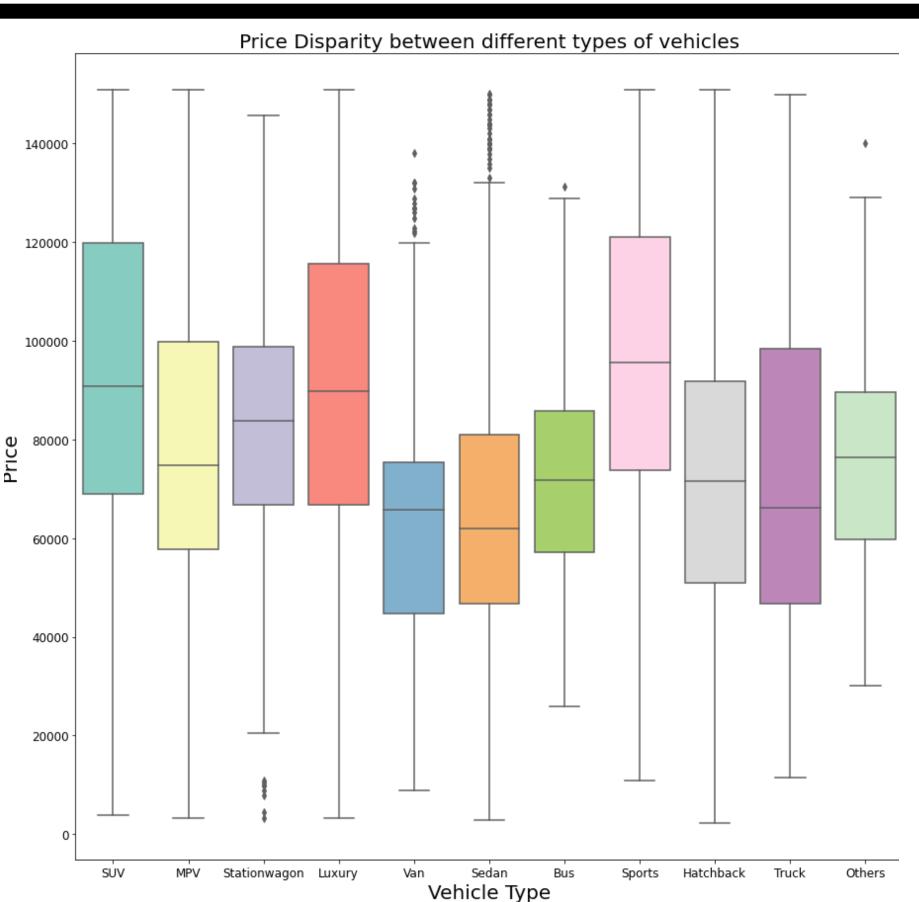




### **Key Insights - Price**







## **Key Insights - Specifications**

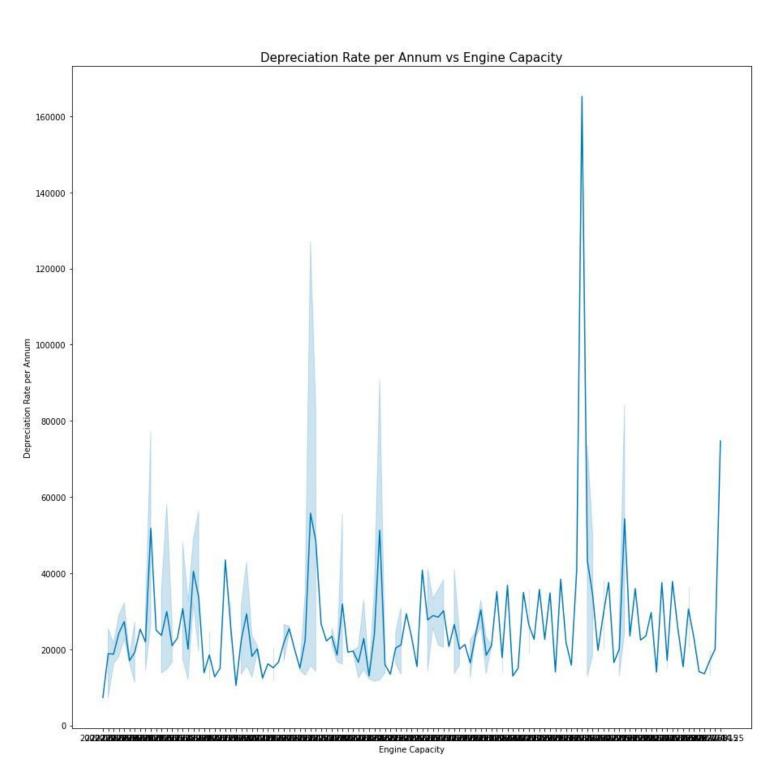
AVG(Mileage)

264,500



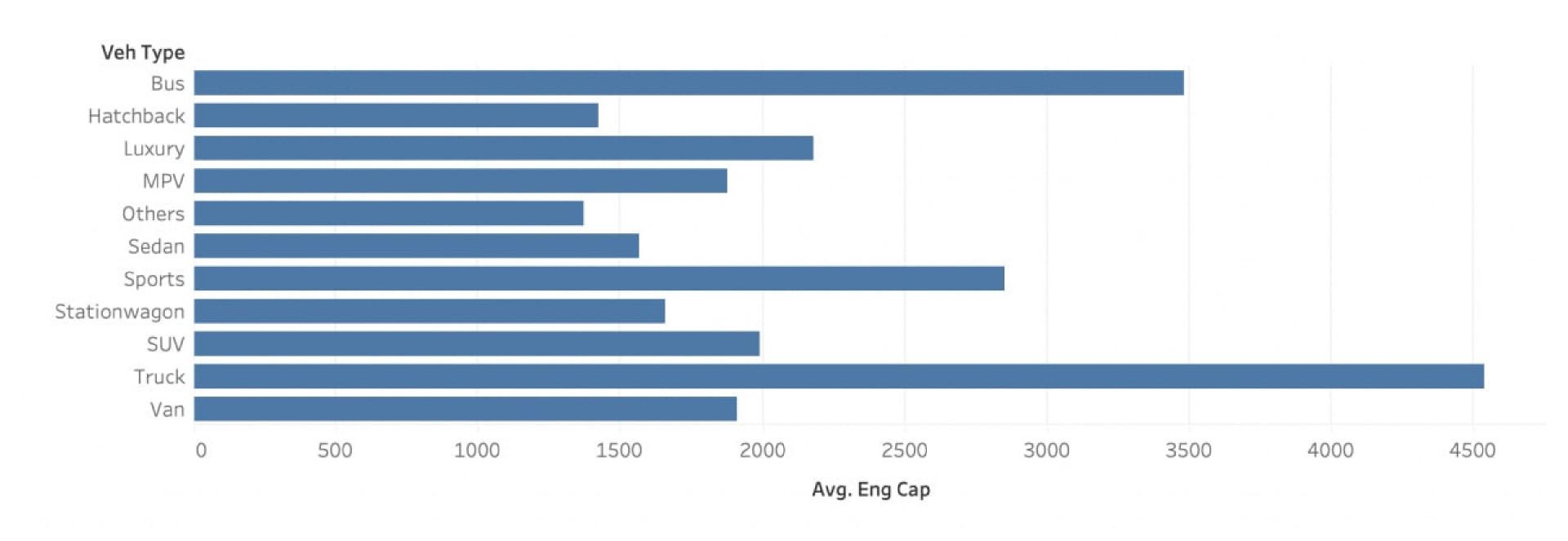
#### Brand vs Mileage

Scania	Isuzu	Mitsubishi	Kia	Toy	Toyota		Lexus		BMW		Mazda	
	Ssangyon	Subaru	Maserati		Audi	Foto	on MI	NI				UD
Saab	Dodgo	Hummer										
	Dodge		Peugeot									
Proton	Fiat	Suzuki			Alfa		Ford Je		ер			
			Honda									
Iveco	Mercedes	Mitsuoka	Opel				Chery		H		lino	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Ssangyong		Rolls					
Daihatsu	Chevrolet	Volkswagen	Porsche		Land S		SEAT		Ferrari			
					Land		MAN					
Cadillac	Citroen	Nissan	Volvo	Volvo		Infiniti						
							Perodua					



## **Key Insights - Specifications**





### Limitations



- Uncertain demand due to macro-environment (etc. COVID-19)
- Listings have different number of COE years remaining which may be a large price factor

#### Conclusion



# The recommendations we offer to our client after analyzing Singapore's used car market are:

- 1. The startup can consider offering the top 10 brands & vehicle types identified to cater to Singaporeans' preferences
- 2. The startup can market brands like Scania and Saab as "value for money" cars since price is significantly lower for a high mileage.
- 3. The demand for SUV, Luxury and Sports car is still high in the used car market, as shown in the high mean value for price. The sales team can target these types, while moving away from low priced types like Van and Sedan.
- 4. Engine capacity has little association with Depreciation rate, which shows that perhaps in the used car market, engine capacity does not play a big part in determining the value of the car. Engine capacity could be a secondary consideration for the sales team.



## import NUS BACT

print("Thank you for your attention")

return Group 5