

Introduction

A comprehensive overview of Electric vehicle adoption, geography, pricing and market dynamics.



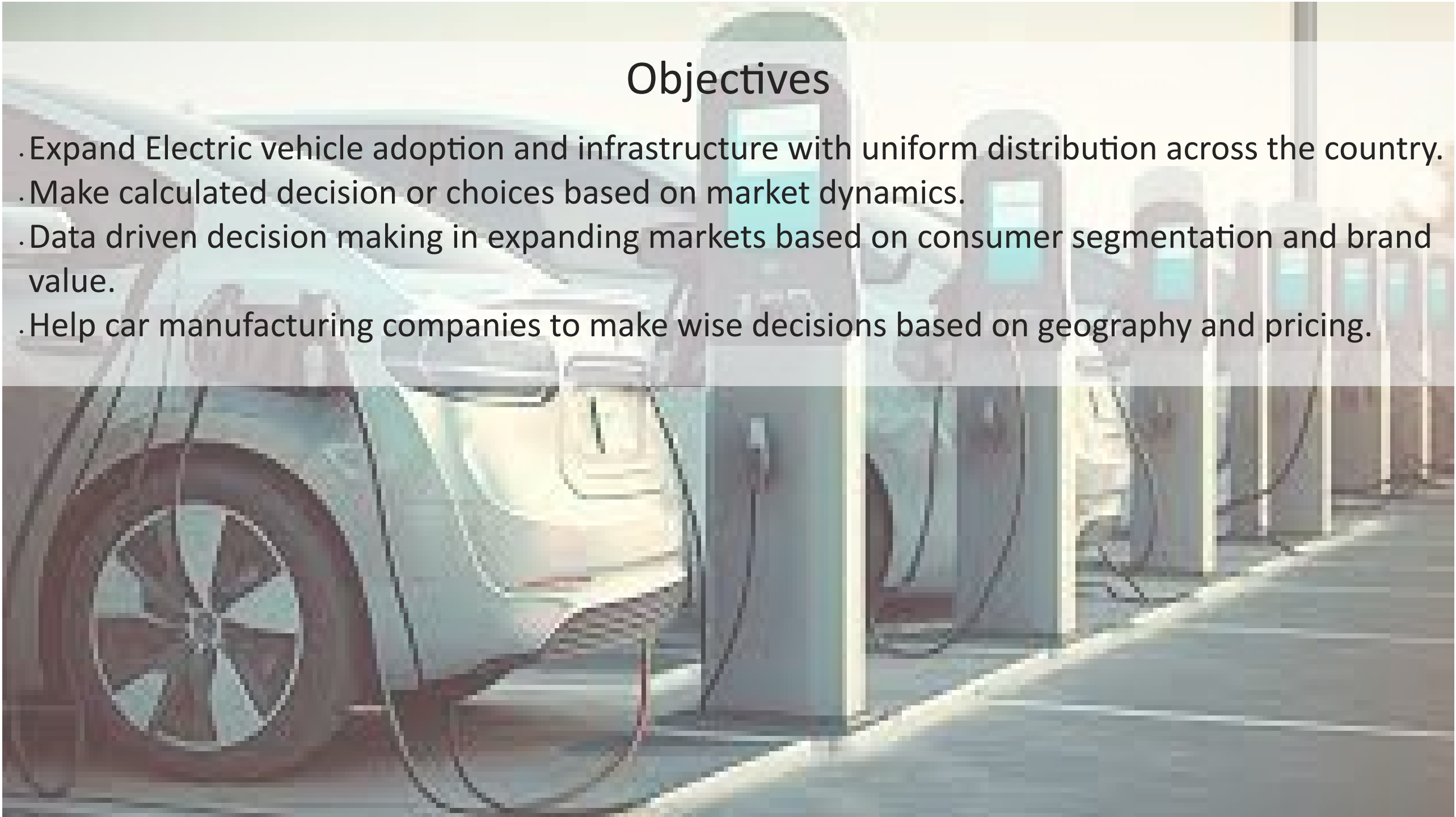
Mission Statement

To accelerate the transition to sustainable transportation by enabling Electric vehicle adoption, infrastructure development and make eco-friendly choices using data driven decision making



Objectives

- .Expand Electric vehicle adoption and infrastructure with uniform distribution across the country.
- .Make calculated decision or choices based on market dynamics.
- .Data driven decision making in expanding markets based on consumer segmentation and brand value.
- .Help car manufacturing companies to make wise decisions based on geography and pricing.



Electric Vehicle manufacture pricing trends dashboard

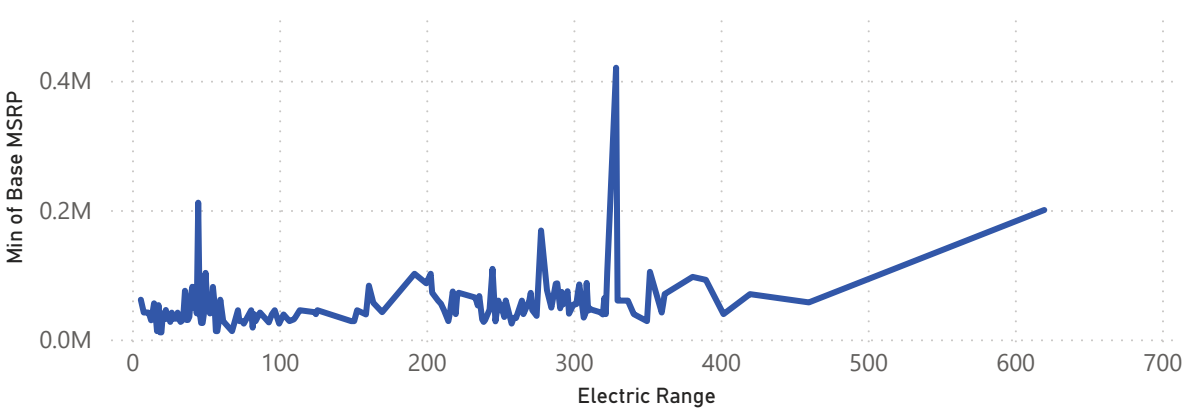
Expensive EVs

Make	Model	Base MSRP
PORSCHE	918	845000
ROLLS-ROYCE	SPECTRE	420000
BENTLEY	FLYING SPUR	211325
BENTLEY	BENTAYGA	207050
TESLA	ROADSTER	200000
PORSCHE	PANAMERA	184400
AUDI	RS E-TRON GT	168295
MERCEDES-BENZ	G-CLASS	162650

Mid level priced EVs

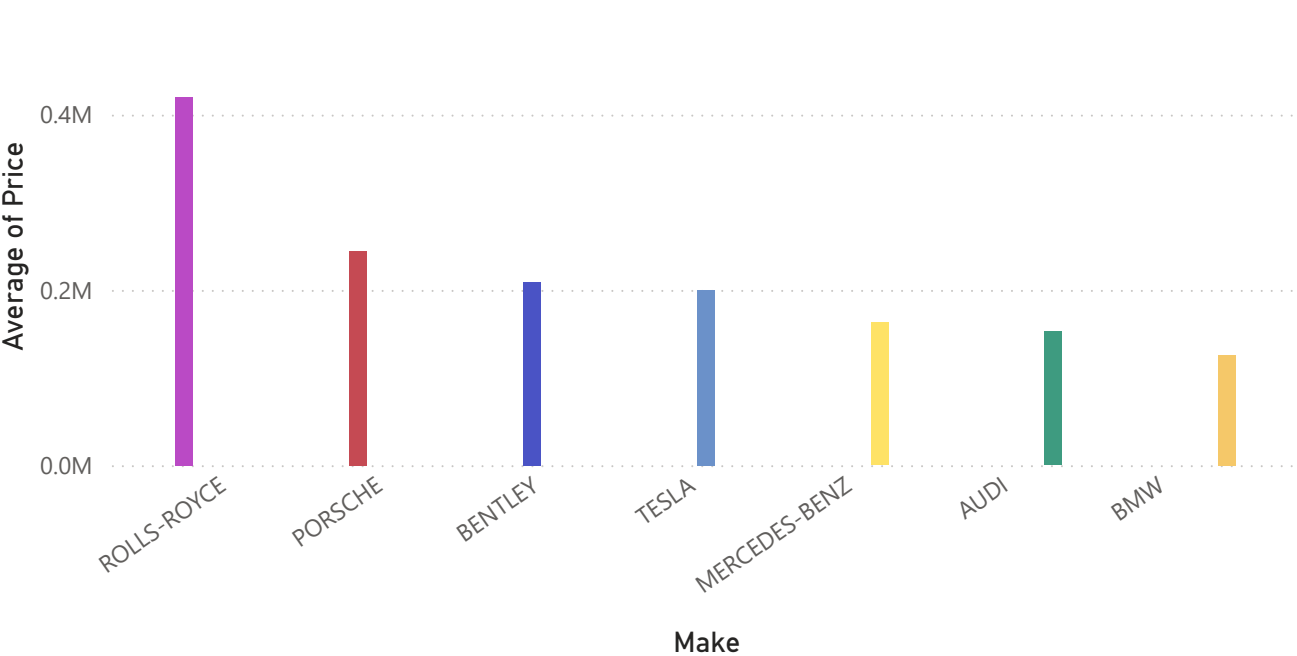
Make	Model	Base MSRP
TESLA	CYBERTRUCK	69990
LUCID	AIR	69900
TESLA	MODEL S	69900
POLESTAR	POLESTAR 3	68900
MERCEDES-BENZ	GLC-CLASS	67900
MERCEDES-BENZ	SL-CLASS	67900
HYUNDAI	IONIQ 5 N	67675
BMW	X5	67475

Minimum Price by Electric Range

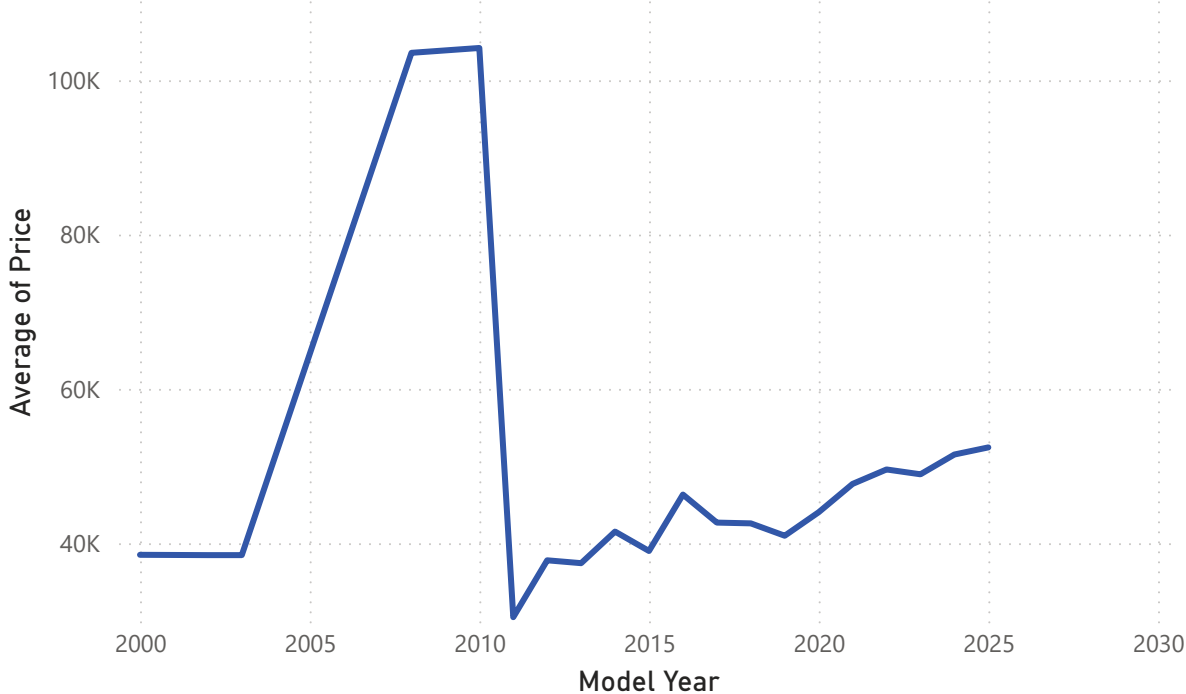


Average of Price by Make

Make ● ROLLS-ROYCE ● PORSCHE ● BENTLEY ● TESLA ● MERCEDES-BENZ ● AUDI ● BMW



Average of Price by Year



Electric Vehicle- Geography and demographics

Electric Vehicle Type

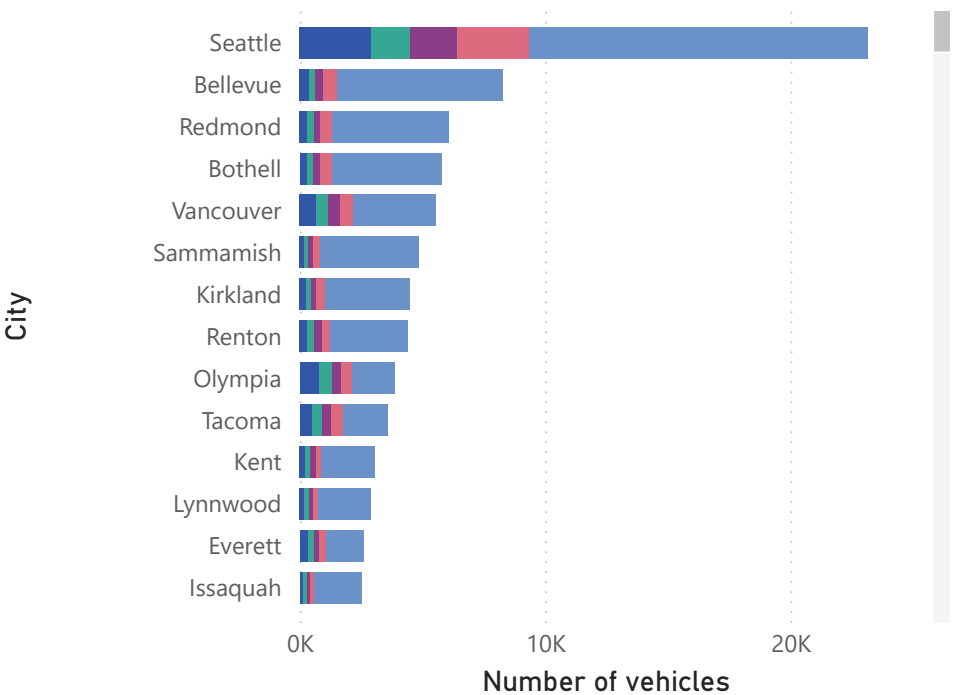
- ☐ Battery Electric Vehicle (BEV)
- ☐ Plug-in Hybrid Electric Vehicle (PHEV)

Vehicle geographical distribution in US



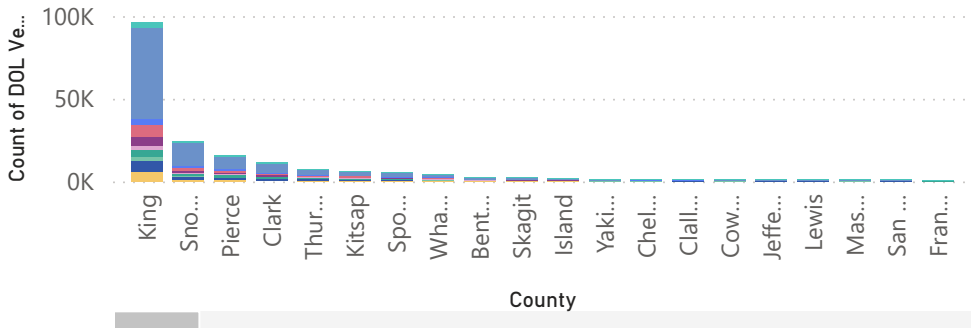
Number of vehicles by Brand by City

Make ● CHEVROLET ● FORD ● KIA ● NISSAN ● TESLA

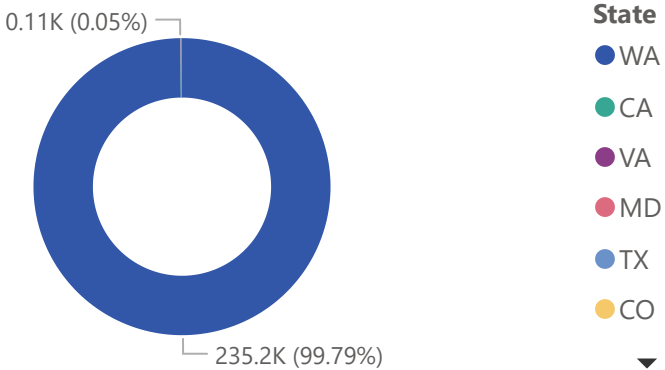


Number of EVs by County and Make

Make ● BMW ● CHEVROLET ● CHRYSLER ● FORD ● JEEP ● KIA ● NISSAN



Number of vehicles by State



235.69K

Total Number of EVs

787

Count of City

212

Count of County

76

Count of Electric Utility

Key Questions

- .What kind of governmental policies can accelerate the EV adoption and create an awareness among consumers?
- .How can improving the existing infrastructure change the market dynamics and encourage consumer buying behavior and meet growing demand?
- .Consumer concerns regarding electric range, cost and type of electric vehicles?
- .How can the research and development team create innovation to drive market demand?

Conclusion

The road ahead: Let us drive towards a sustainable future.

Key Inferences

- .Invest in Research and development (R&D) for a battery variant that is suitable for the central US geography and weather conditions.
- .Improve existing charging stations and infrastructure to promote consumer reliability.
- .Introduce governmental policies that can encourage consumers to buy Electric vehicles.