

ELECTRIC VEHICLE

DRIVING THE FUTURE

DAB-15
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AGENDA

- 01** INTRODUCTION
- 02** PROBLEM STATEMENT
- 03** ANALYSIS
- 04** RECOMMENDATIONS
- 05** CONCLUSION



BREATHE EASY? NOT YET

Transport emissions
grew at an average
of 1.7% annually
(1990 and 2022)

Air pollution from vehicles,
factories, and burning fuels
harms health and worsens
climate change, so everyone
breathes unsafe air. Also,
transport emissions grew
faster than nearly all other
sectors.



TRANSFORMING EMISSION INTO CLEAN ENERGY

AROUND **7 MILLION** PEOPLE
DIE EACH YEAR DUE TO AIR
POLLUTION!

- EVs are transforming global transportation
- Support sustainability and cleaner energy
- More efficient
- Affordable
- Widely available



ELECTRIC VEHICLE ANALYSIS: A QUICK LOOK!

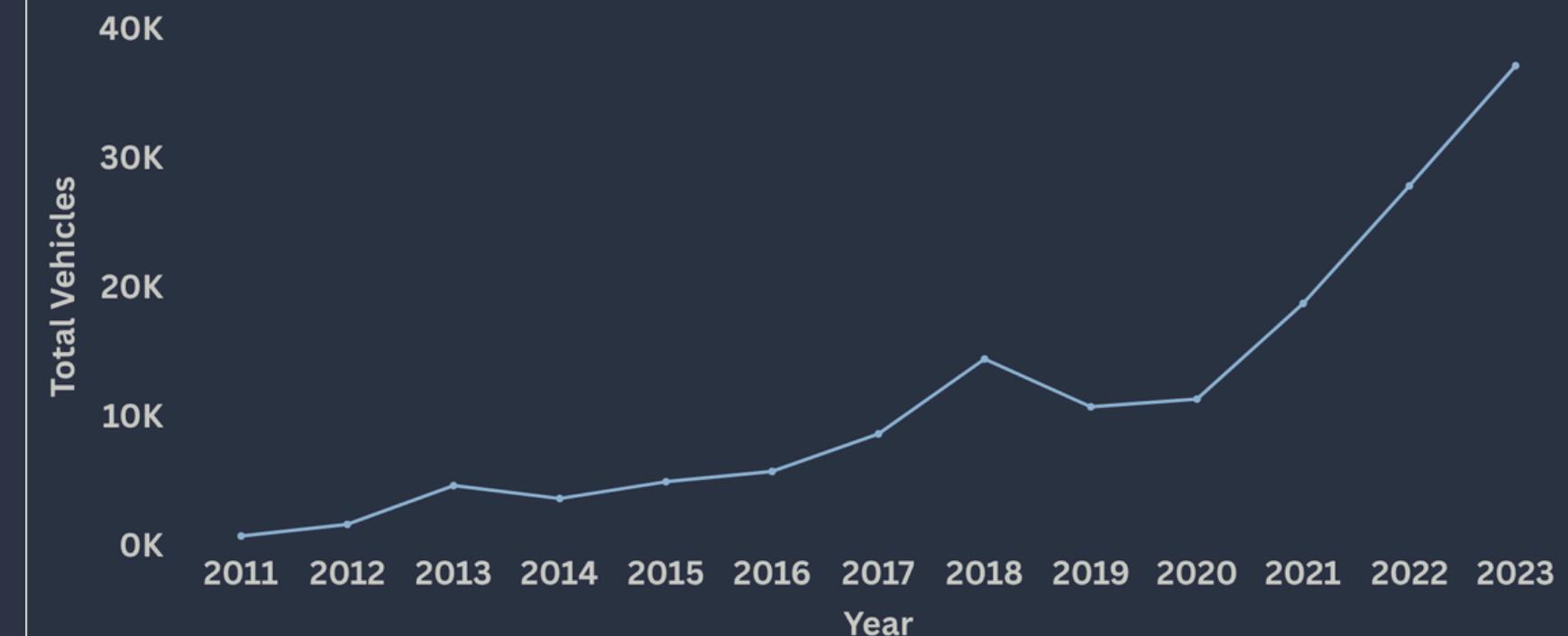
CURIOUS FOR MORE?

CLICK ON THE FIRST LINE

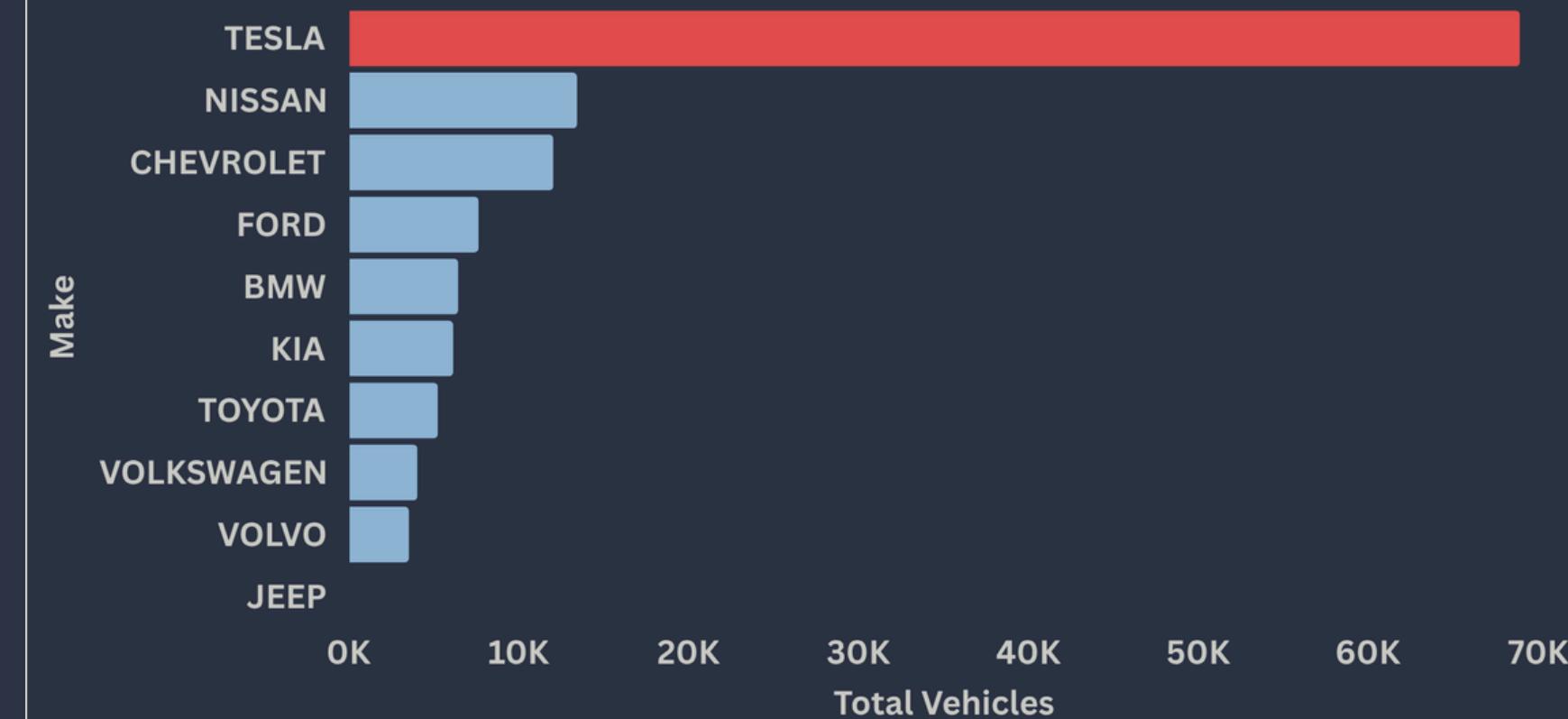
CHART TO VIEW THE FULL

DETAILED ANALYSIS

TIMELINE OF ELECTRIC VEHICLES ADOPTION (2011-2024)

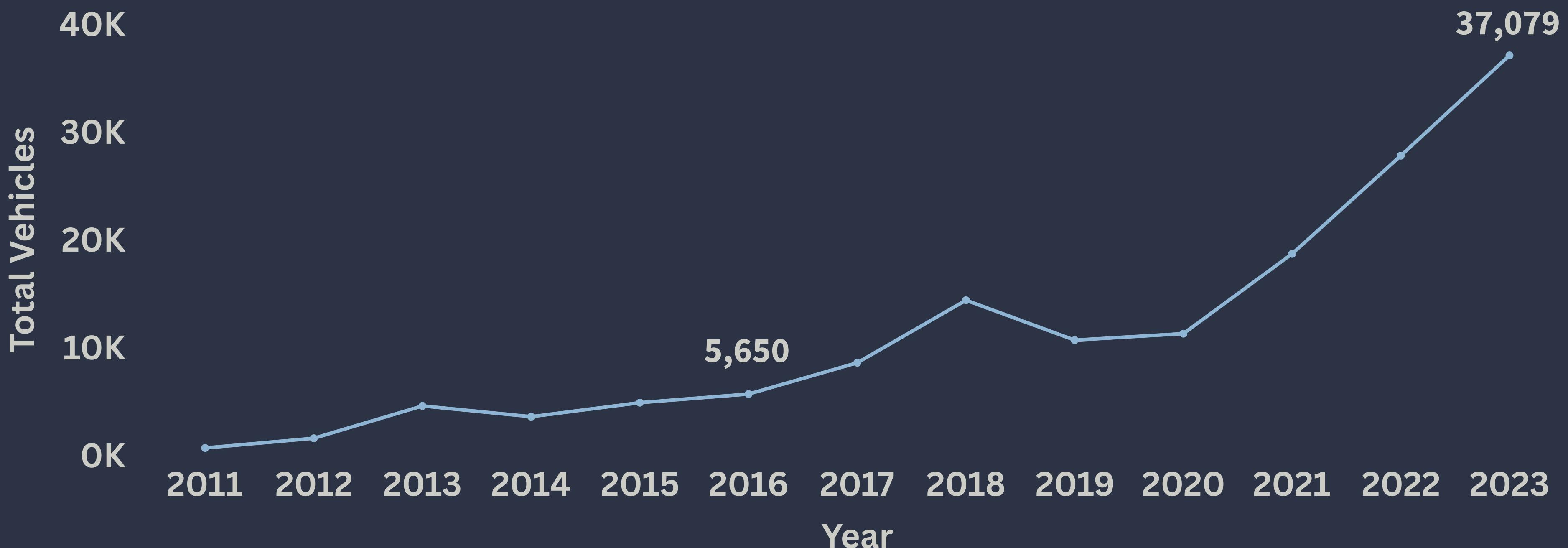


TOP 10 ELECTRIC VEHICLE MANUFACTURERS

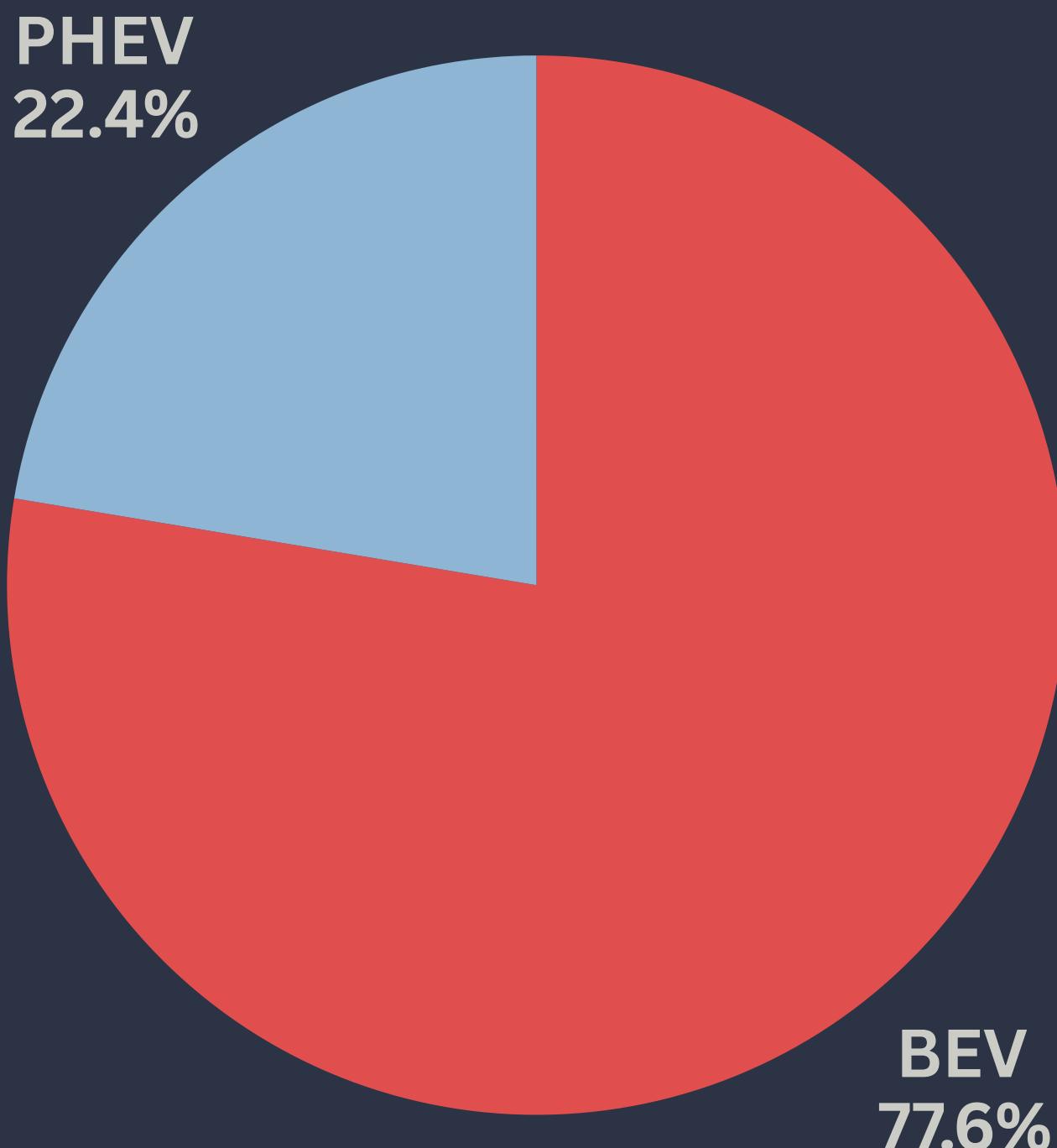


TIMELINE OF ELECTRIC VEHICLES ADOPTION (2011-2024)

Since 2016, EVs have been growing steadily, hitting a high of 37,079 vehicles in 2023!

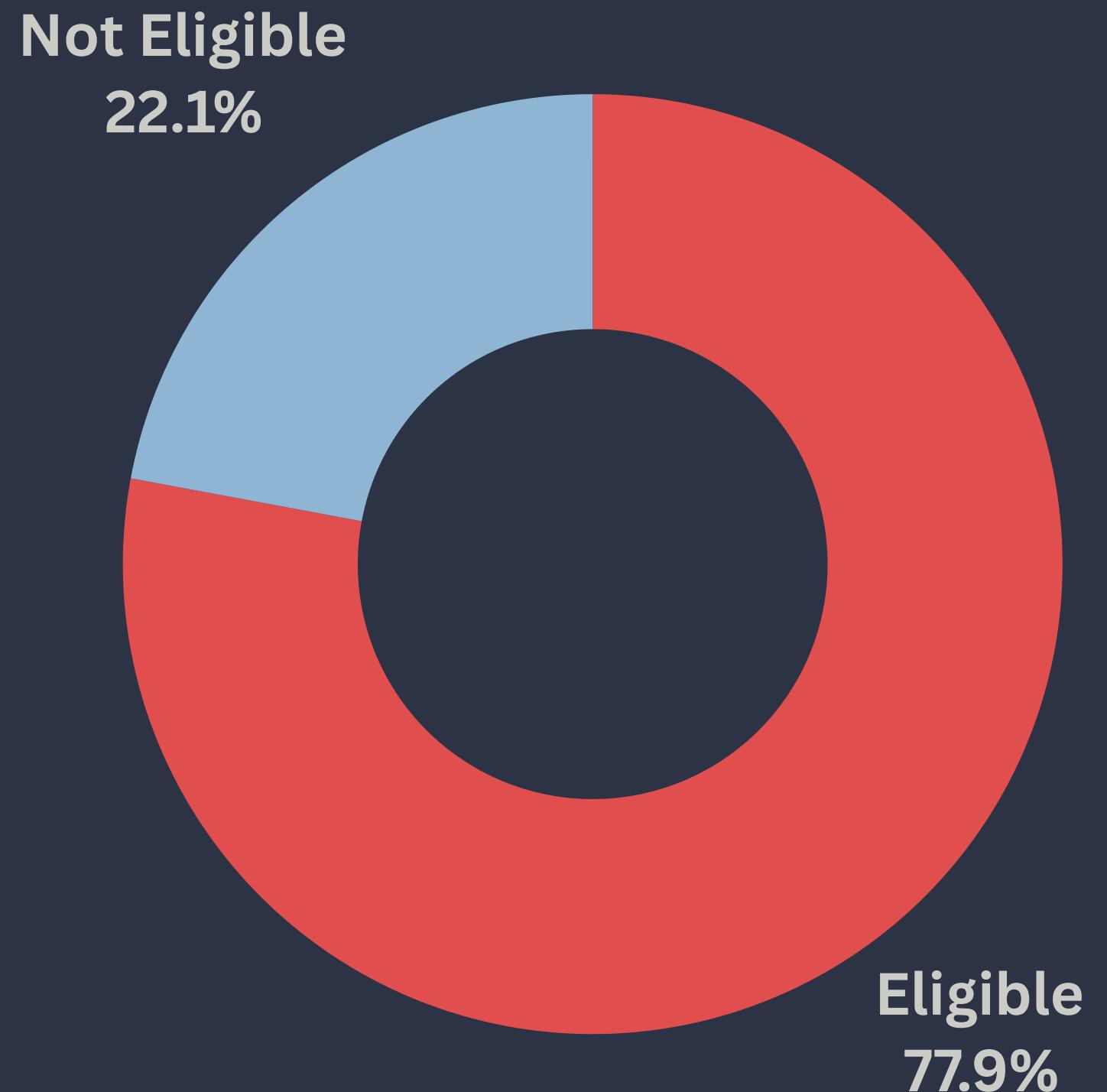


EV TYPE DISTRIBUTION: BATTERY VS PLUG-IN HYBRID



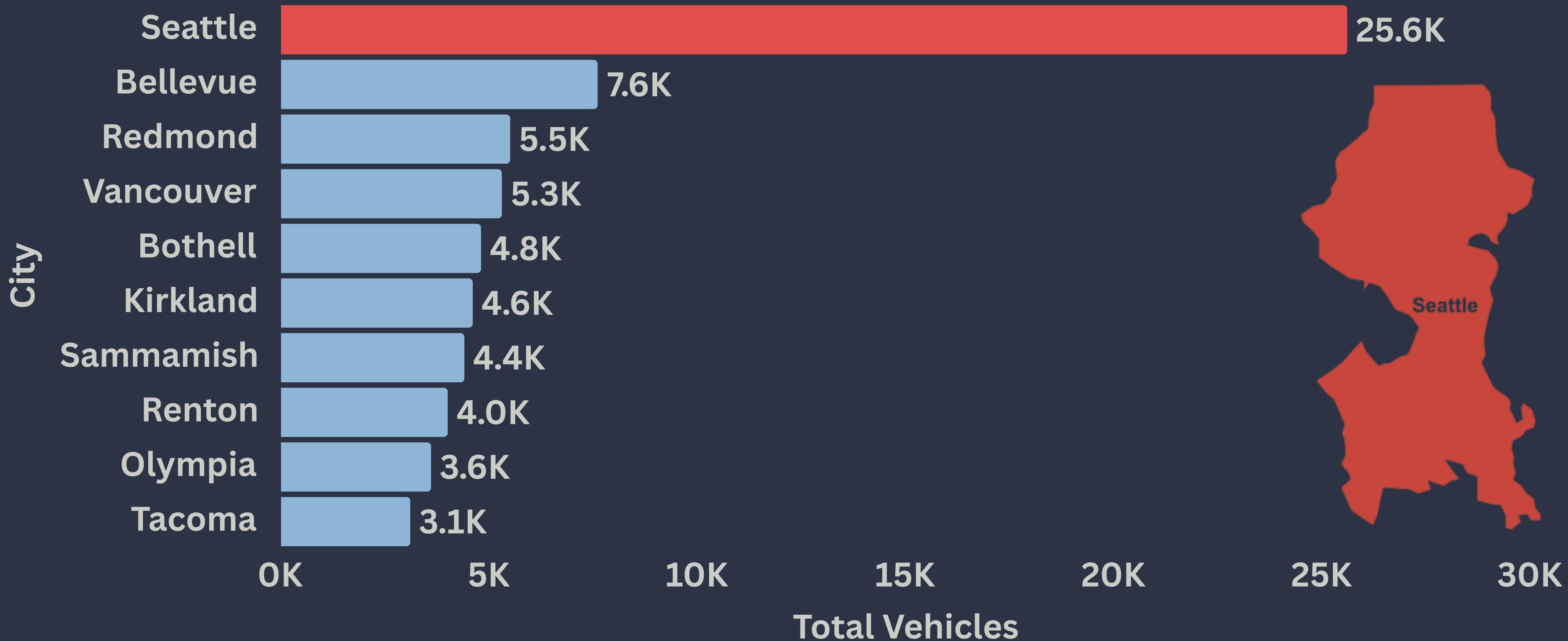
- **BEV runs only on a battery and must be charged.**
- **PHEV has a battery you can charge plus a gasoline engine.**

VEHICLE ELIGIBILITY FOR CLEAN ALTERNATIVE FUELS: DISTRIBUTION OF VEHICLES BY STATUS



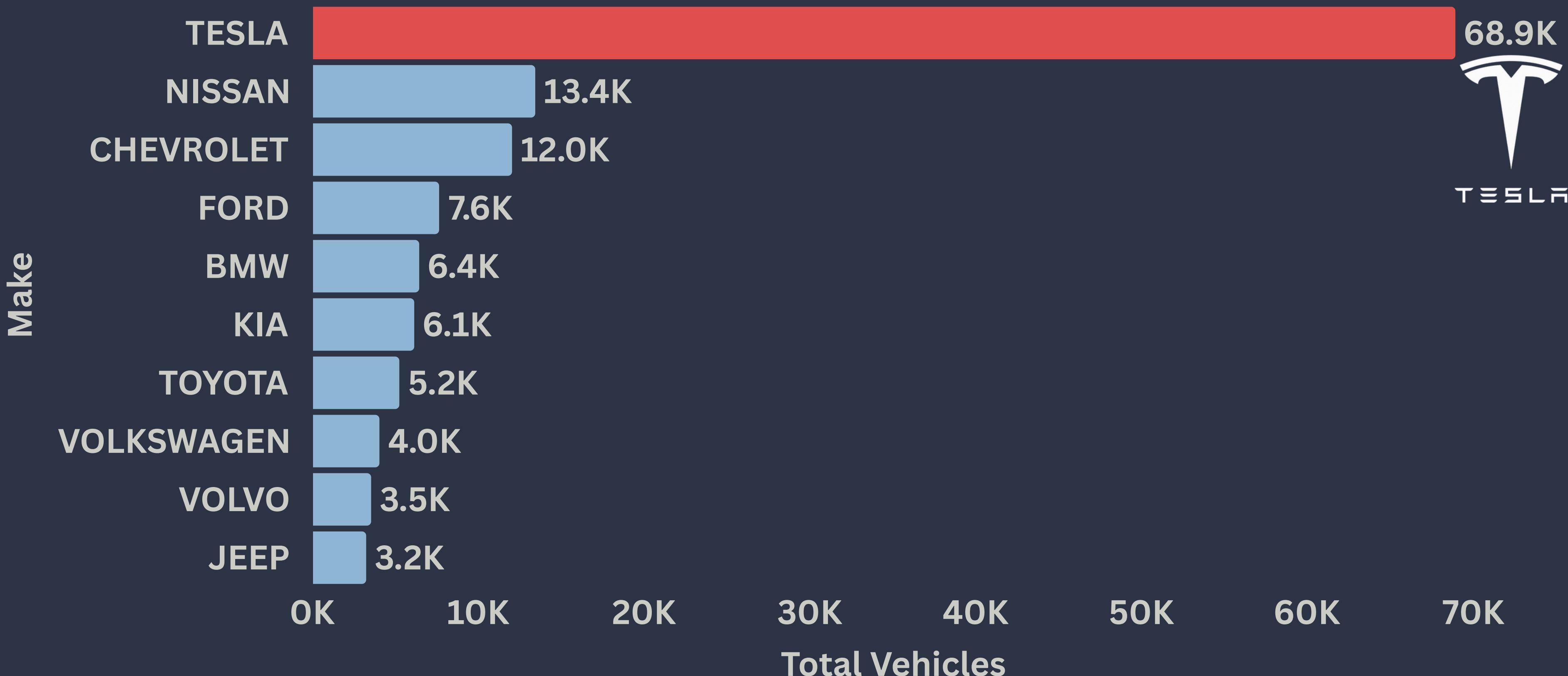
- **Eligible:** Vehicles that meet clean fuel standards and qualify for incentives
- **Not Eligible:** Vehicles that do not meet the standards and receive no incentives

TOP 10 CITIES BY EV REGISTRATIONS, SEATTLE LEADS THE EV MARKET



TOP 10 ELECTRIC VEHICLE MANUFACTURERS

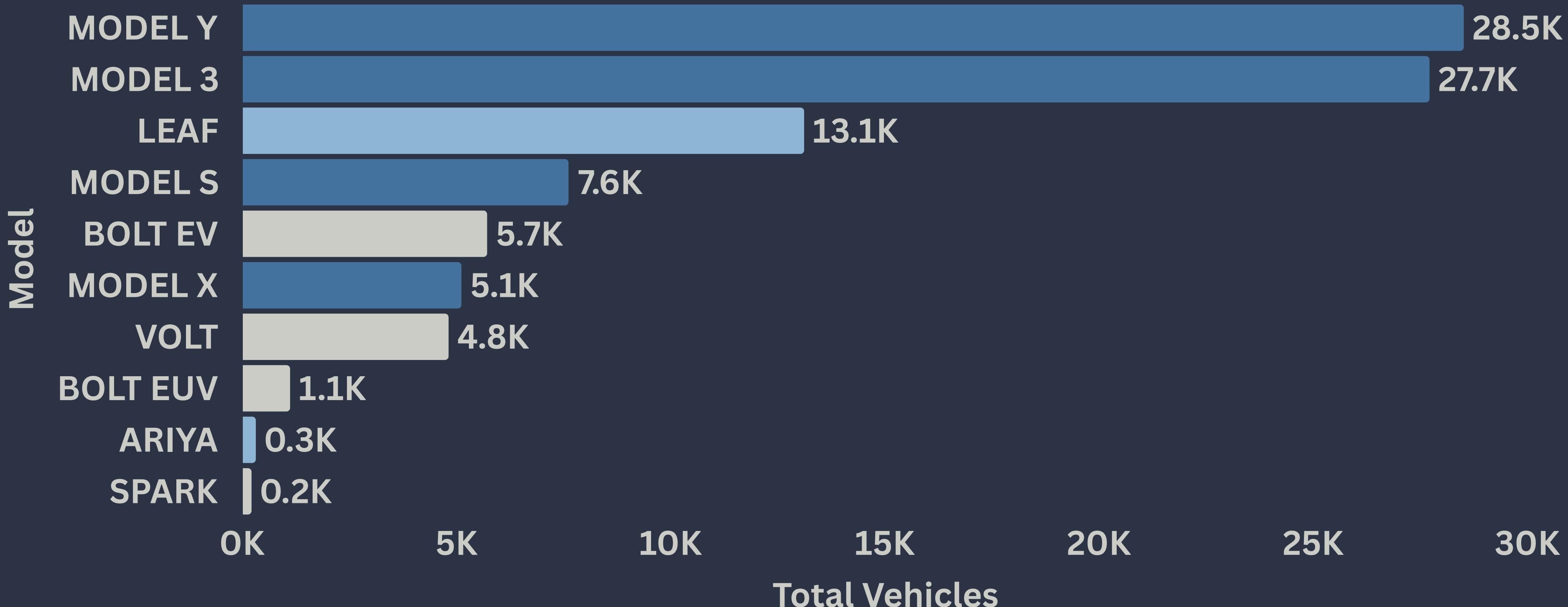
Tesla dominates the EV market with 68,981 vehicles!



MOST POPULAR ELECTRIC VEHICLE MODELS

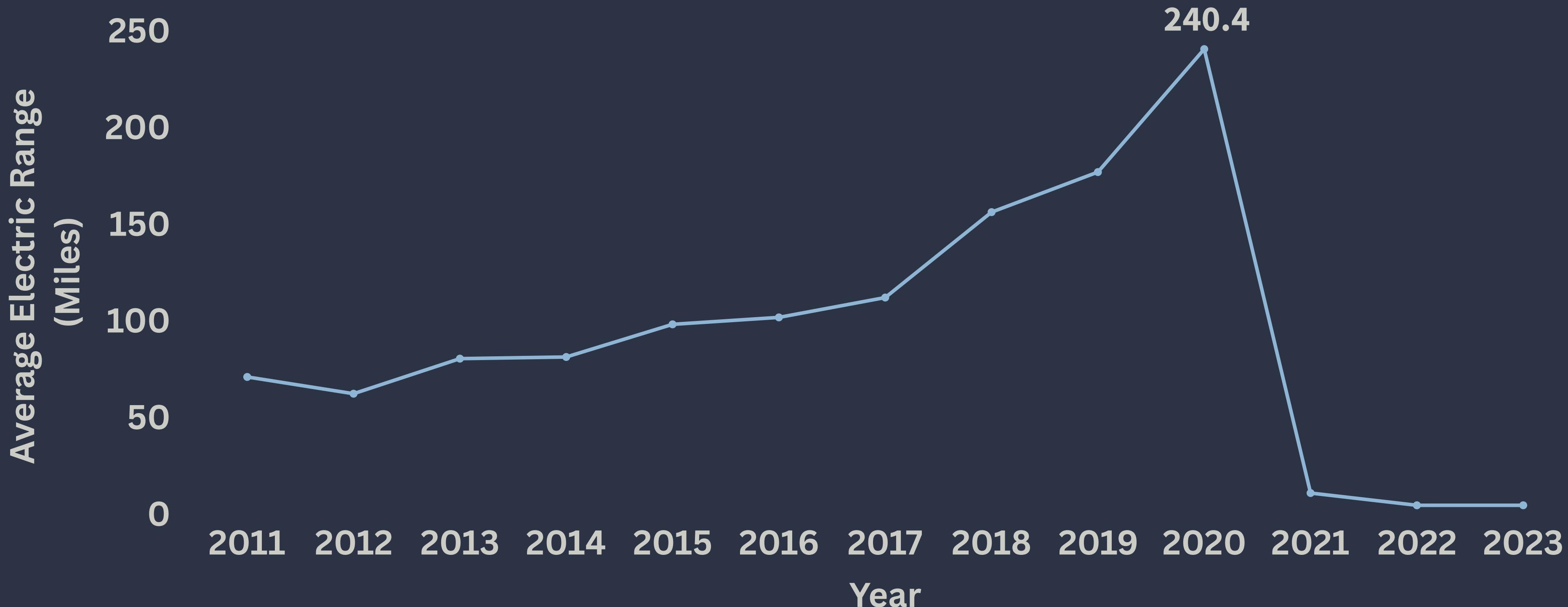
Tesla Model Y and Model 3 are the most common EVs

● TESLA ● NISSAN ● CHEVROLET



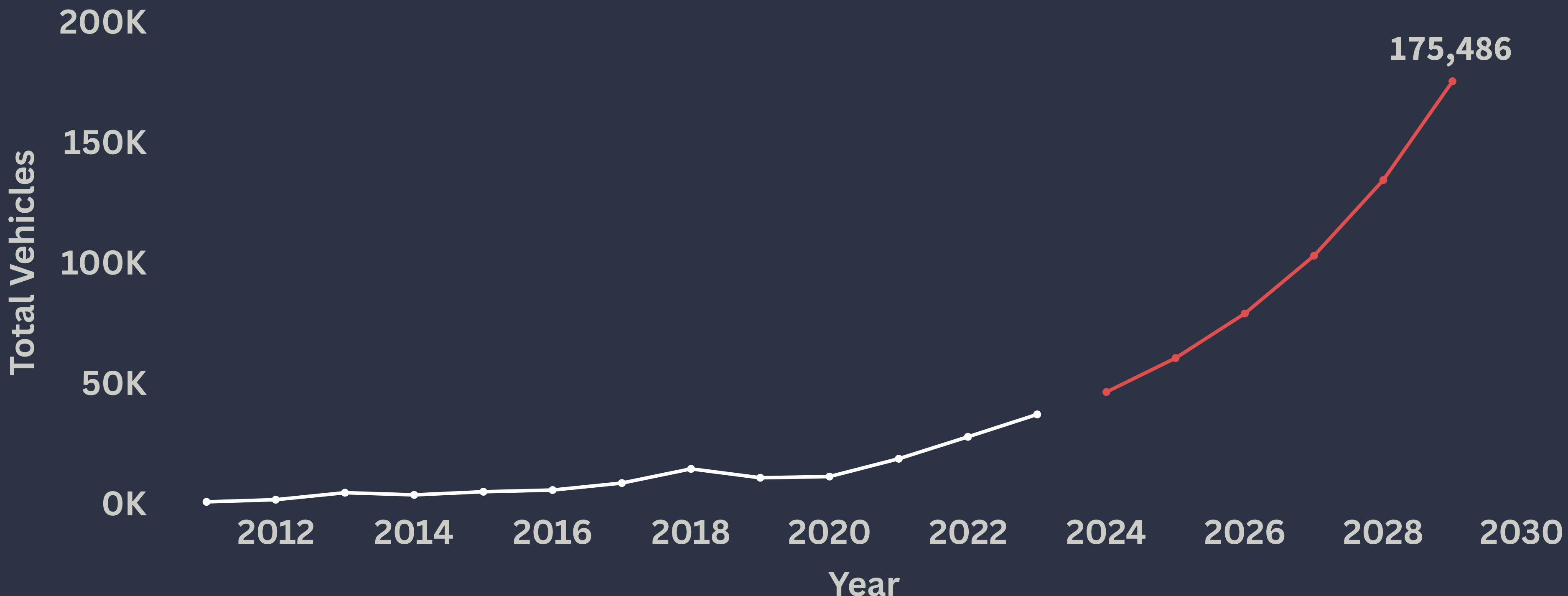
TIMELINE OF AVERAGE ELECTRIC VEHICLE RANGE (2011-2024)

EV ranges are longer than in 2011, peaking around 2020



EV MARKET GROWTH IN US: ACTUAL VS FORECASTED REGISTRATIONS (2011-2029)

Forecast predicts over 175,000 registrations by 2029!



**“DRIVE SMART,
PROTECT HEARTS
(EARTH’S HEART)”**



SAUDI HERO SAVES FUEL STATION

BRAVERY
IN THE
FLAMES



A Saudi man risked his life to prevent disaster! **Maher Fahd Al Dalbahi** saw a truck on fire at a gas station in Al Duwadimi.

He jumped in and drove it to safety. He survived but suffered serious burns and was rushed to the hospital. His heroism has gone viral, with many calling him a true hero.

MAKE EVS EASY AND POPULAR

RECOMMENDATIONS

- Introduce support and **reduce taxes** for eco-friendly cars
- Run **EV awareness campaigns** in low-adoption cities like Tacoma, Olympia, and Renton.
- Organize **test-drive events** and use influencers to promote EVs.
- Build **more EV charging stations**.



CLEAN WHEELS, BRIGHT SKIES

THE FEATURES

- Electricity is **unlimited**
- EVs are **cheaper** to fix and maintain
- Electricity **depends on how much we use**
- EVs are **smooth**, and **comfortable** to drive
- Charging at home is **easy**





THE FUTURE IS ELECTRIC

A SUSTAINABLE JOURNEY BEGINS

Air pollution cannot be taken care of but the switch to cleaner transportation can be made. With the use of electric vehicles, emissions will be less, leading to cleaner air and a better future.



THANK YOU!

IF YOU HAVE ANY SPECIFIC
QUESTIONS, I'M HERE TO
ANSWER



EV: DTF

