



Year

2021

2022

2023

2024

2-Wheelers

4-Wheelers



Total_vch_sold

21M



Makers total sales

937K



4W_Year_Growth

52%



2W_year_Growth

26%



2-W Avg sales

2.10K



4-W Avg Sales

196.38



CAGR (Compound Annual Growth Rate)

- . States like **Delhi, Maharashtra, and Karnataka** showed the **highest CAGR** in EV adoption, indicating aggressive EV policies and consumer acceptance.
- . **2-Wheelers** generally grew faster than **4-Wheelers**, reflecting affordability and ease of adoption.



Category-wise Comparison

- . **2-Wheelers dominate** EV sales in most regions due to affordability and lower infrastructure dependency.
- . **4-Wheelers are catching up** slowly in metro states, likely due to government subsidies and improved charging infra.



State-Level Disparity

- . Top 5 States are Goa, Meghalaya, Tripura, West Bengal and DNH
- . Bottom 5 States are Haryana, Himachal Pradesh, Jammu Punjab, Andaman Nicobar

2W_sale_per_4W

11

4w_sale_per 2w

0.09



Tools Used:

- . **Power BI** – Dashboard development
- . **DAX** – Custom KPIs (CAGR, penetration)
- . **Excel** – Preprocessing & cleaning
- . **Geo map** – Visualizing state-level data



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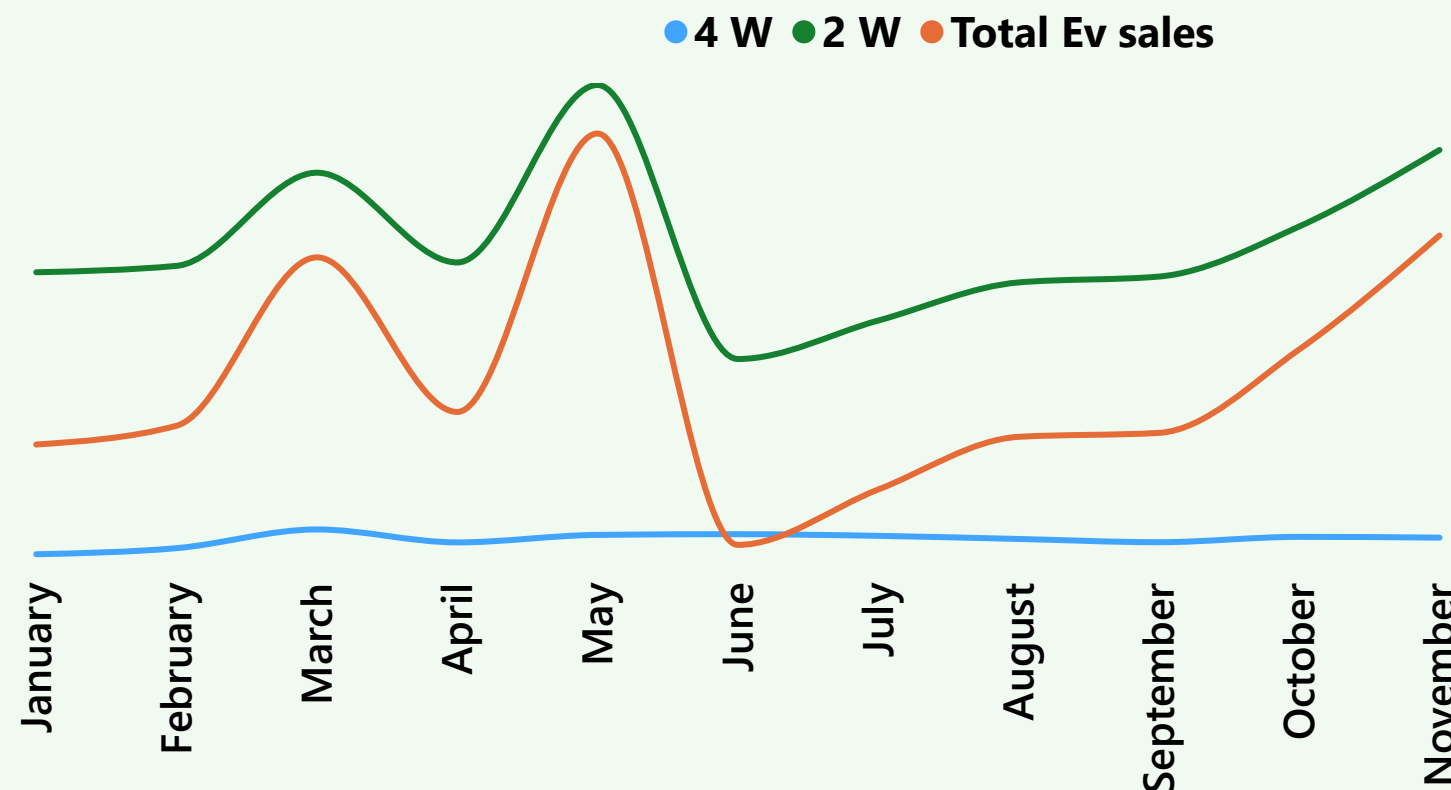
2.10K



4-W Avg Sales

196.38

Total EV sales 2 vs 4 Wheelers



2 W

Total Ev sales

4 W

Top 5 state CAGR

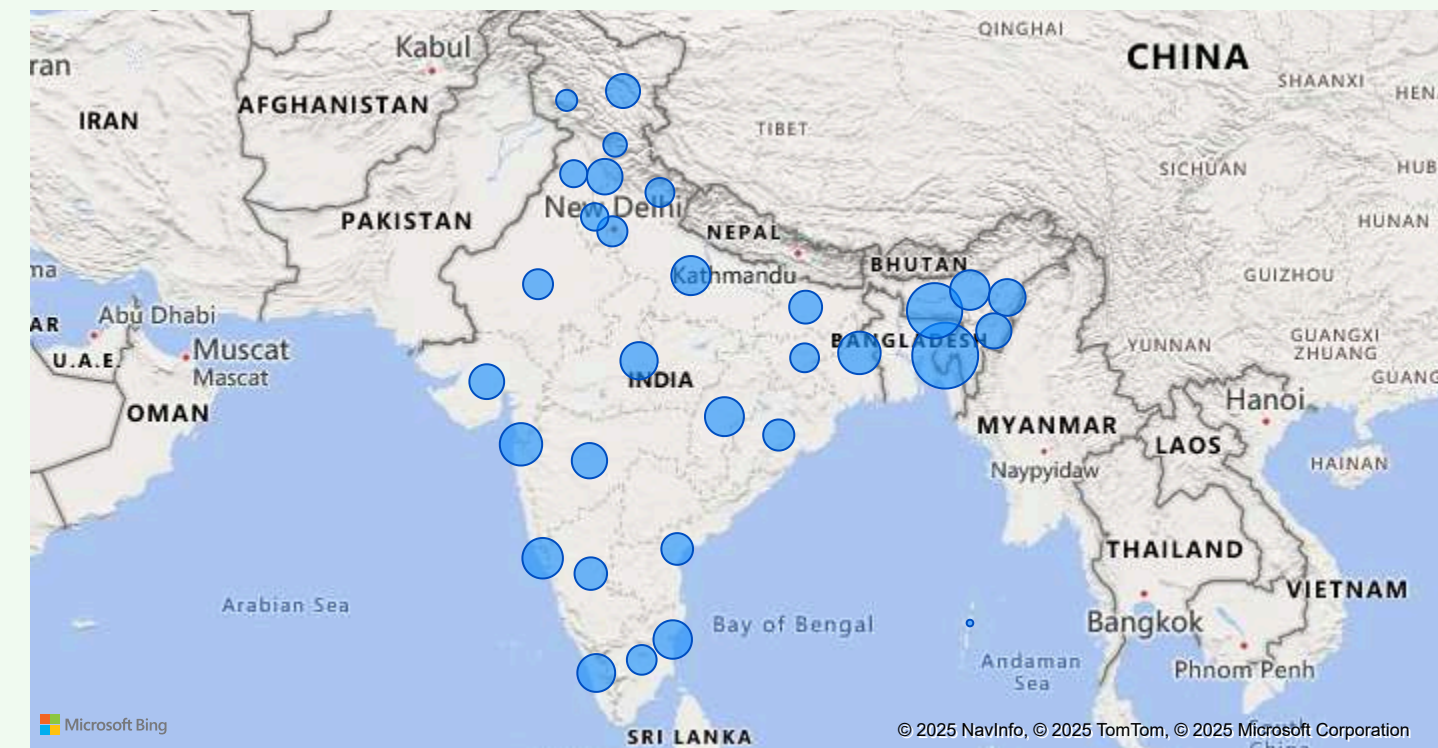
DNH and DD

Goa

Meghalaya

Tripura

West Bengal



Bottom 5 state CAGR

Andaman & ...

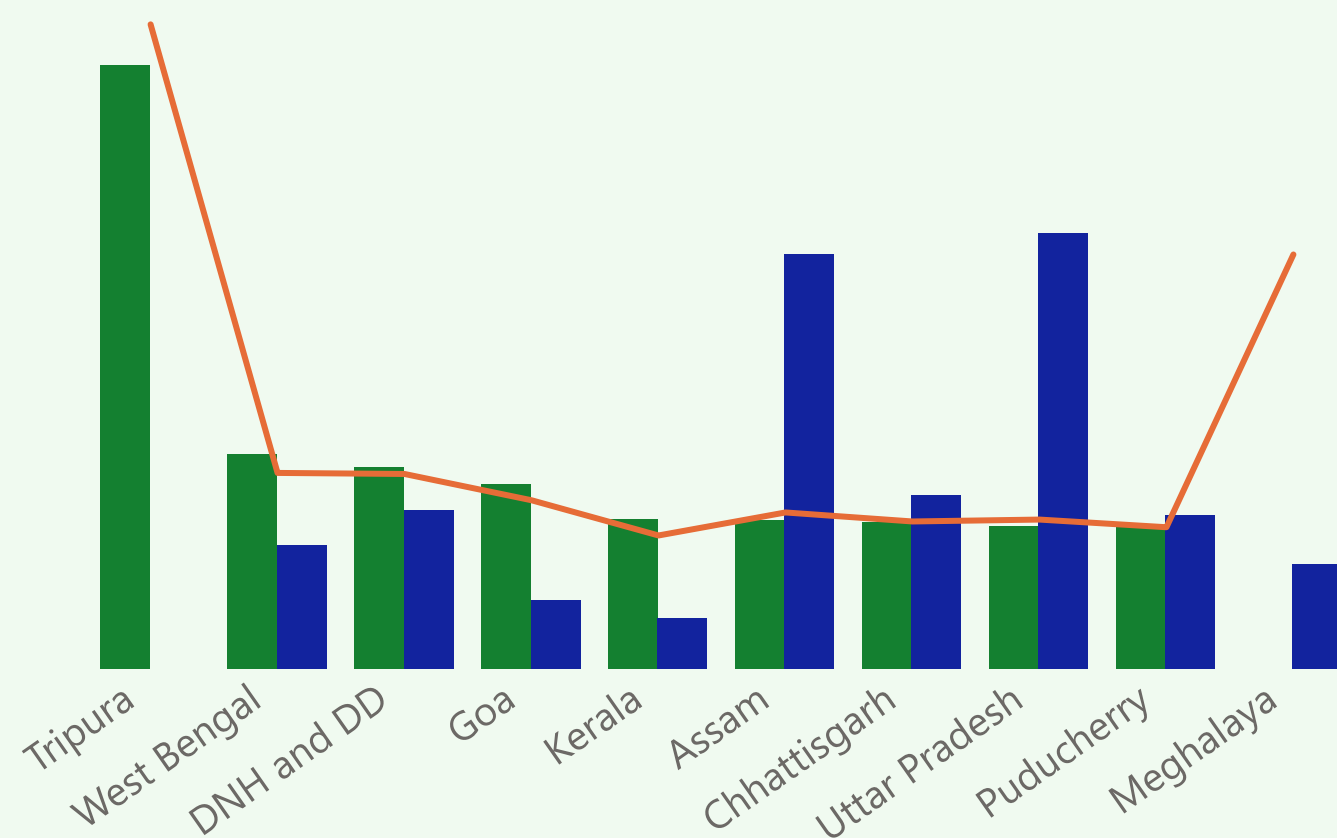
Haryana

Himachal Pr...

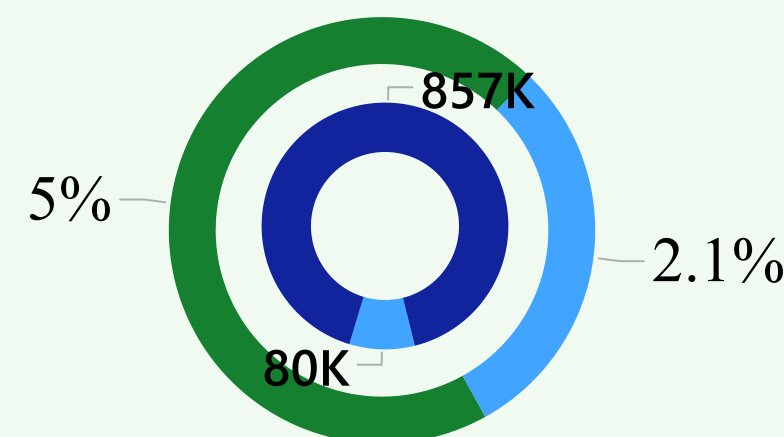
Jammu and ...

Punjab

● 2W CAGR ● 4 W CAGR ● Cagr by state



● 2_w_Pntr_rate ● 4W_pntr_rate



Top 10 Makers

