

## **ELECTRIC VEHICLE SALES ANALYSIS**

## NAVIGATE





**Market Mode** 



**State Mode** 



**State Comparison Mode** 

## **FILTERS**



Fiscal Year All Quarter

All

**Vehicle Category** 

2-Wheelers

EV: Electric Vehicle

2W: 2 Wheelers 4W: 4 Wheelers

## 2022 & 2023 & 2024: Electric Vehicle (2-Wheelers) Performance Analysis by States

EV CAGR% (2022-2024) 92.17%

EV Sales & Revenue Growth

**Penetration** 

Rate% 2022

4.18%

2.32%

5.14%

3.19%

5.36%

1.76%

2.22%

2.04%

2.02%

1.29%

3.10%

2.63%

1.96%

4.48%

0.91%

1.44%

1.78%

1.33%

0.46%

1.64%

0.74%

0.30%

0.35%

0.57%

0.74%

0.00%

0.23%

0.08%

0.09%

0.00%

0.00%

0.02%

0.00%

0.00%

State

Goa

Kerala

Karnataka

Maharashtra

Chandigarh

Puducherry

Chhattisgarh

Tamil Nadu

Rajasthan

Ladakh

Punjab

Haryana

Jharkhand

West Bengal

DNH and DD

Himachal Pradesh

Bihar

Mizoram

Assam

Tripura

Manipur

Meghalaya

Nagaland

Sikkim

Andaman & Nicobar

Arunachal Pradesh

Andhra Pradesh

Madhya Pradesh

Jammu and Kashmir

Uttarakhand

**Uttar Pradesh** 

Odisha

Gujarat

NON EV CAGR% (2022-2024) 11.46%

**EV Penetration Rate%** 

**Pentration Rate** 

**Change (2022-**

2024)

13.81%

11.21%

6.44%

6.88%

4.04%

6.49%

4.67%

4.44%

4.22%

4.76%

2.93%

2.97%

2.55%

-0.41%

2.79%

1.86%

0.73%

1.04%

1.62%

0.31%

0.94%

1.34%

1.02%

0.78%

0.57%

1.24%

0.46%

0.59%

0.53%

0.47%

0.38%

0.05%

0.02%

0.00%

**Penetration** 

Rate% 2024

17.99%

13.52%

11.57%

10.07%

9.40%

8.25%

6.89%

6.48%

6.24%

6.05%

6.04%

5.60%

4.06%

3.70%

3.30%

2.51%

2.36%

2.08%

1.95%

1.68%

1.64%

1.37%

1.36%

1.31%

1.24%

0.69%

0.67%

0.62%

0.47%

0.38%

0.07%

0.02%

0.00%

**STATE-WISE EV PENTRATION RATE%** 

Rate% 2023

12.47%

8.42%

9.19%

8.20%

9.52%

7.10%

5.60%

4.06%

6.79%

5.22%

4.88%

6.58%

0.73%

2.51%

3.81%

2.53%

2.01%

1.14%

2.79%

1.89%

1.19%

1.03%

1.15%

1.59%

0.33%

0.53%

0.61%

0.35%

0.16%

0.36%

0.05%

0.01%

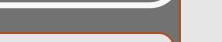
0.00%

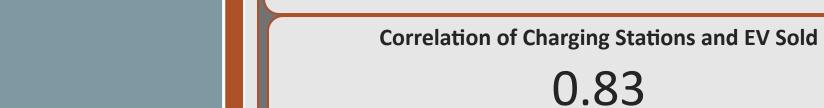
**EV vs NON-EV RATIO** 0.04:1

# PENETRATION%- EV VS NON EV

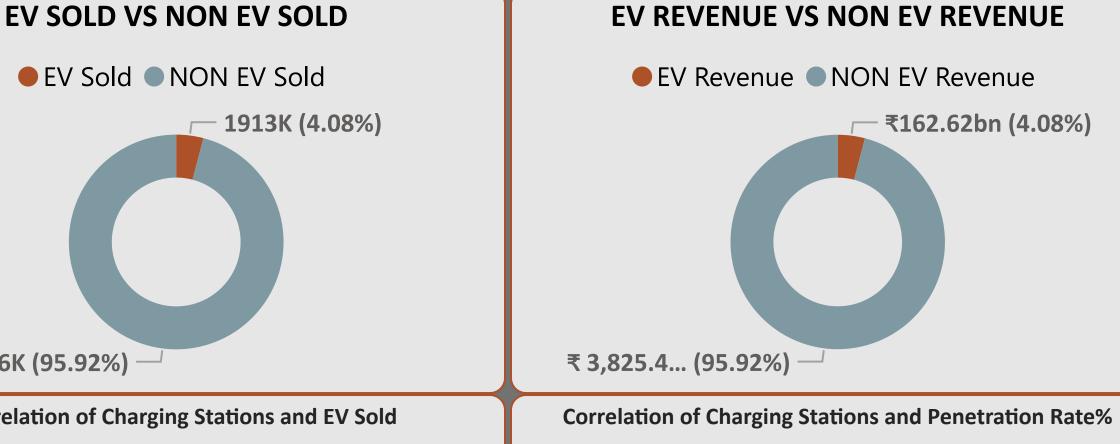
Penetration%- NON EV

95.92%



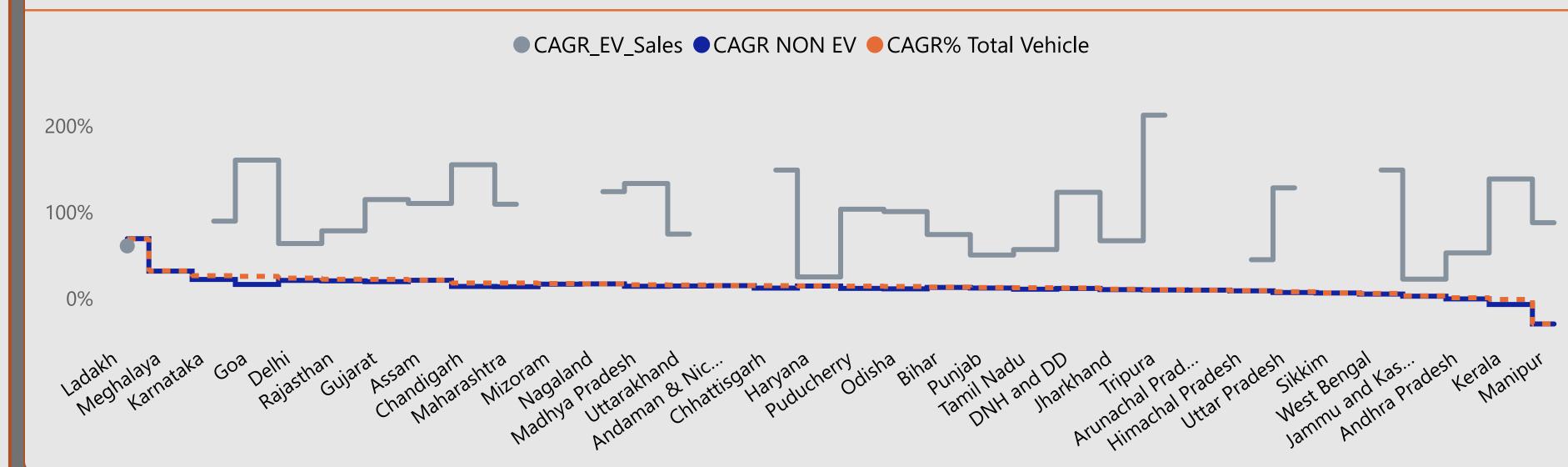


45006K (95.92%)

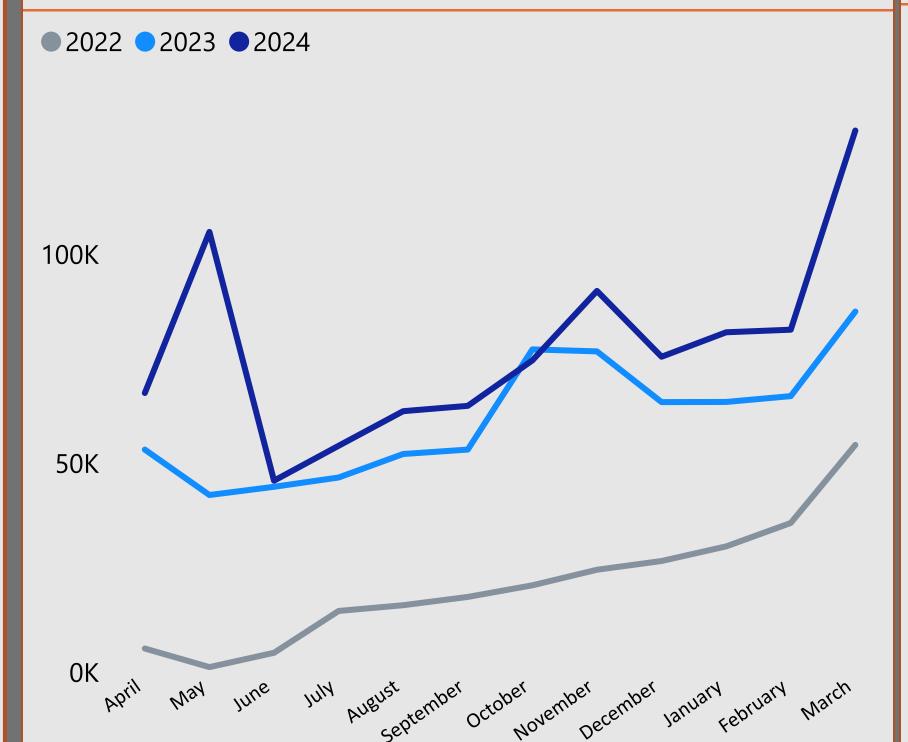


0.49

### 2022-2024 CAGR% TRENDS BY STATE FOR EV, NON-EV, AND TOTAL VEHICLES



### SUMMARY OF ELECTRIC VEHICLES SOLD BY QUARTER AND **MONTH**



### State-wise EV Growth and Projections: CAGR, 2030 Penetration, and **Sales Forecast**

State	EV: CAGR% (2022-2024)	EV: Projected Sales 2030	EV: Penetration Rate 2030 ▼
Kerala	138.31%	11862.68K	2686.36%
Goa	160.18%	3029.87K	1433.06%
Chandigarh	154.81%	508.33K	849.82%
Chhattisgarh	148.62%	6442.75K	629.92%
Tripura	212.25%	253.03K	352.25%
Maharashtra	109.01%	15260.28K	315.92%
West Bengal	148.65%	3312.39K	278.82%
Madhya Pradesh	133.07%	6679.36K	248.73%
Manipur	87.62%	3.84K	221.73%
Puducherry	103.26%	210.63K	207.19%
Odisha	100.49%	2443.10K	207.03%
Uttar Pradesh	128.00%	7376.41K	188.52%
Gujarat	114.47%	7502.52K	184.51%
Karnataka	89.42%	6842.16K	132.39%
DNH and DD	122.86%	18.25K	85.03%
Andhra Pradesh	52.59%	395.82K	55.00%
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## **ABBREVIATIONS**

CAGR: Compound Annual Growth Rate