

ECOWHEELS ANALYSIS

(2021 - 2023)

"Welcome to the Electric Vehicle Sales Analysis Dashboard. This interactive and comprehensive dashboard is designed to provide insights into the electric vehicle market across different states and manufacturers in India in 2021, 2022 and 2023. It is built to assist stakeholders, including policymakers, businesses, and consumers, in understanding the trends and dynamics of electric vehicle sales."



OVERVIEW

A high-level summary of electric vehicle sales, showcasing key metrics such as total sales, penetration rates, and growth trends over time.



STATE-WISE ANALYSIS

Dive deep into the sales data at the state level. Compare electric vehicle sales across different states, identify top-performing regions, and analyze penetration rates.



MAKERS ANALYSIS

Explore the performance of various electric vehicle manufacturers. This page highlights the sales trends of different makers, identifying market leaders and laggards.



COMPARATIVE ANALYSIS

Compare sales and penetration rates between states and manufacturers. This section allows you to draw comparisons and identify patterns, helping in strategic decision-making.

Note: The average prices for vehicle categories have been assumed as follows for this analysis:

- 2-Wheelers: ₹85,000
- 4-Wheelers: ₹15,00,000

These values are used for illustrative purposes and may not represent actual market prices.



Help and Info.

OVERVIEW

Financial Year 2021 - 2023

Vehicle Category

2-Wheelers

4-Wheelers



No. of Makers

26

Total EVs Sold

2,066K

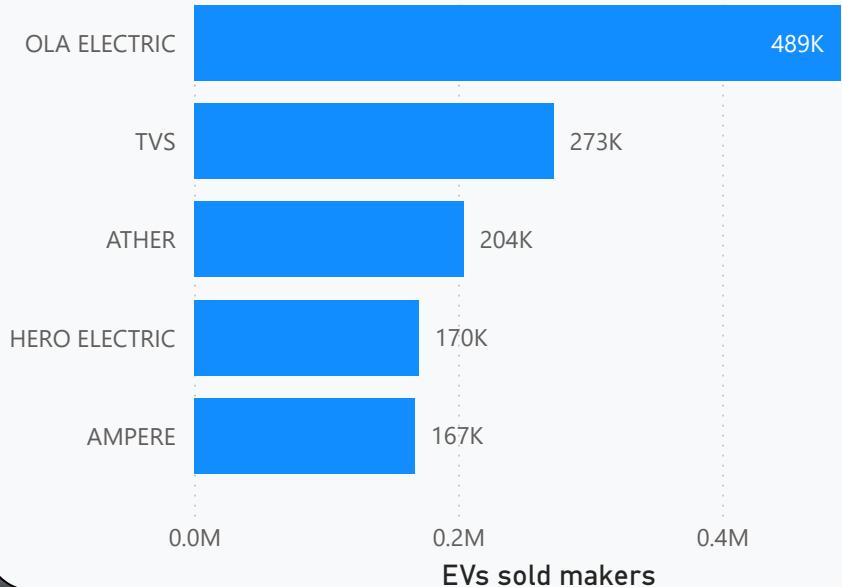
Total Vehicle Sold

57,220K

Penetration Rate

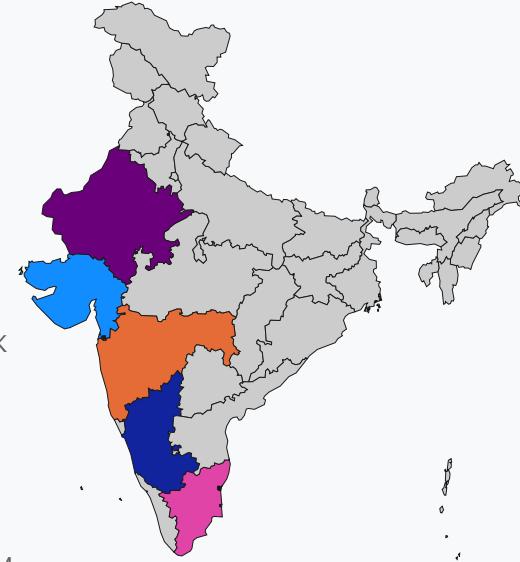
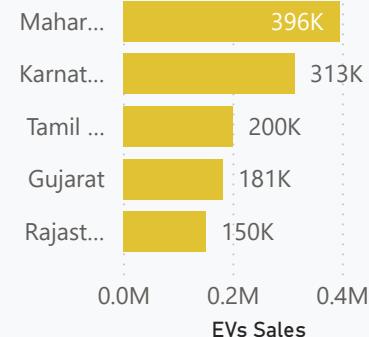
3.61%

Top Five EV Makers



Top 5 States

- Gujarat
- Karnataka
- Maharashtra
- Rajasthan
- Tamil Nadu



STATE-WISE ANALYSIS

FISCAL YEAR

2022 2023 2024

QUARTERS

Q1 Q2 Q3 Q4

VEHICLES CATEGORY

2-Wheelers 4-Wheelers

STATE

All



HOME



OVERVIEW



STATE-WISE ANALYSIS



MAKERS ANALYSIS



COMPARATIVE ANALYSIS



HELP & INFO.

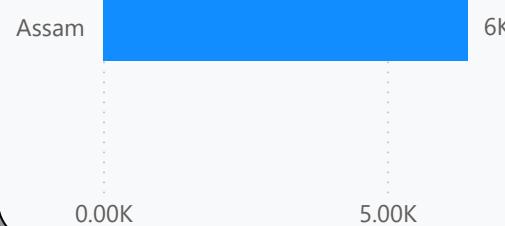
Electric Vehicles Sold

6,418

Penetration Rate

0.46%

EVs Sold in each States



Electric Vehicles Sold (By State)



EVs Sold, Penetration rate, CAGR

State	EVs Sold	Total Vehicle Sold	Penetration Rate	CAGR (EVs Sold)
Assam	6,418	14,03,271	0.46%	118.87%
Total	6,418	14,03,271	0.46%	118.87%

Penetration Rate Monthly (%)

● Penetration Rate CY ● Penetration Rate LY



MAKERS ANALYSIS

FISCAL YEAR

2022 2023 2024

QUARTERS

Q1 Q2 Q3 Q4

VEHICLES CATEGORY

2-Wheelers 4-Wheelers

MAKERS

All



HOME



OVERVIEW



STATE-WISE ANALYSIS



MAKERS ANALYSIS



V/S

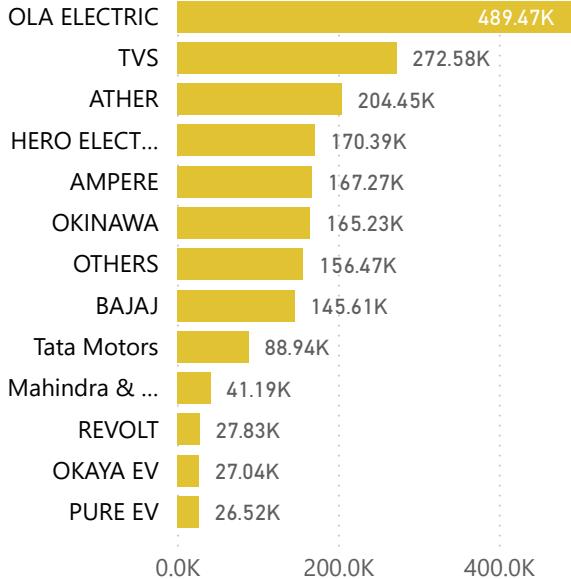


HELP & INFO.

EV MAKER :

EVs Sold :
20,66,111
Revenue : ₹ 392.03bn

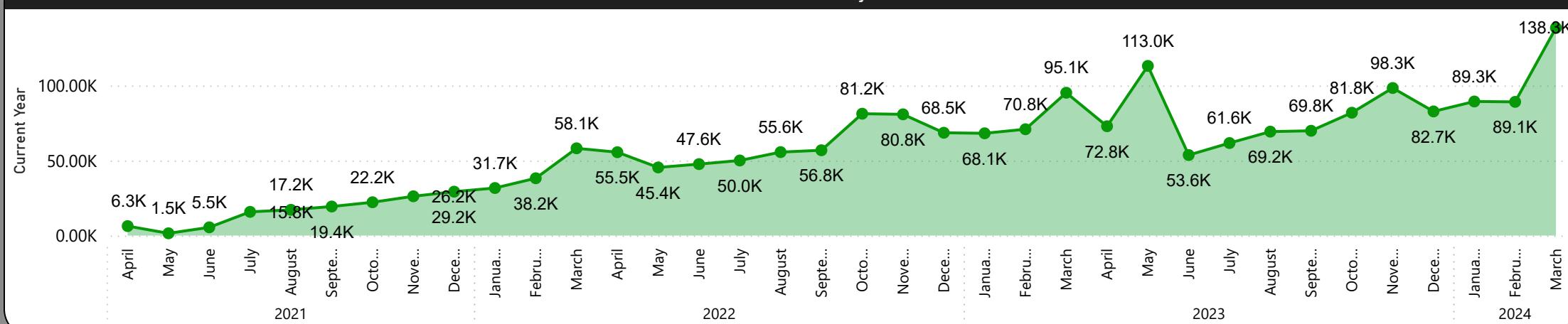
Revenue



EVs Sold, Total Revenue, CAGR

maker	EVs sold	CAGR (EVs Sold)	Total Revenue
BMW India	1,370	1140.97%	₹2,055.00M
Volvo Auto India	568	971.21%	₹852.00M
BYD India	2,419	566.52%	₹3,628.50M
OLA ELECTRIC	4,89,473	373.22%	₹41,605.21M
TVS	2,72,575	330.80%	₹23,168.88M
BAJAJ	1,45,606	285.45%	₹12,376.51M
Hyundai Motor	2,076	255.48%	₹3,114.00M
Mercedes -Benz AG	388	234.55%	₹582.00M
Mahindra & Mahindra	41,193	140.33%	₹61,789.50M
Total	20,66,111	93.91%	₹3,92,033.78M

EVs Sold in 2022, 2023, 2024 By Selected Makers



COMPARATIVE ANALYSIS



HOME



OVERVIEW



STATE-WISE
ANALYSIS



MAKERS
ANALYSIS



COMPARATIVE
ANALYSIS



HELP & INFO.

COMPARE STATES

STATE
VS
STATE

YEAR
ON
YEAR

COMPARE MAKERS

MAKER
VS
MAKER

YEAR
ON
YEAR

COMPARISION
STATE VS STATE

COMPARE
STATES



COMPARE
MAKERS



VEHICLES CATEGORY
▼
2-Wheelers 4-Wheelers



HOME



OVERVIEW



STATE-WISE
ANALYSIS



MAKERS
ANALYSIS



COMPARATIVE
ANALYSIS



HELP & INFO.

Selected States Status

Select up to 3 states

FISCAL YEAR

2022 2023 2024

FISCAL YEAR

Q1 Q2 Q3

CS Select States

Summary Table

State	EVs Sold	Total Vehicles Sold	Penetration Rate	CA

Penetration Rate (Monthly)

Penetration Rate

Please select up to 3 States.

Please select up to 3 States.

EV Sales (Monthly)

Please select up to 3 States.

EV Sales

COMPARISION STATE - YEAR ON YEAR

COMPARE
STATES



COMPARE
MAKERS



VEHICLES CATEGORY

2-Wheelers

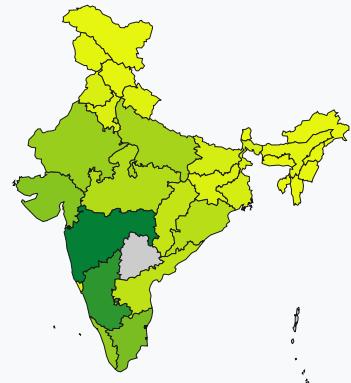
4-Wheelers



STATE

Select up to 3 states

Location



EVs Sold Vs EVs Sold LY

9,32,692✓

LY: 727903 (+28.13%)

Penetration Rate Vs Penetration Rate LY

5.36%✓

LY: 4.54% (+18.02%)

Revenue VS Revenue LY

₹ 79.28bn✓

LY: \$61.871755bn (+28.13%)

Select States

All

FISCAL YEAR

2022

2023

2024

QUARTER

Q1

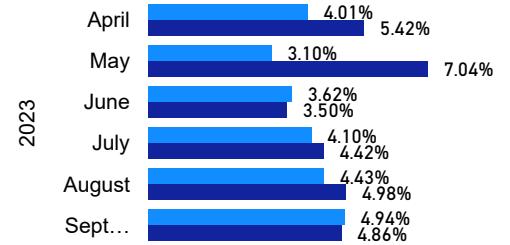
Q2

Q3

Q4

Penetration Rate (CY vs LY)

Penetration Rate LY ● Penetration Rate



0.0% 5.0% 10.0%
Penetration Rate LY and Penetration Rate

Revenue (CY vs LY)

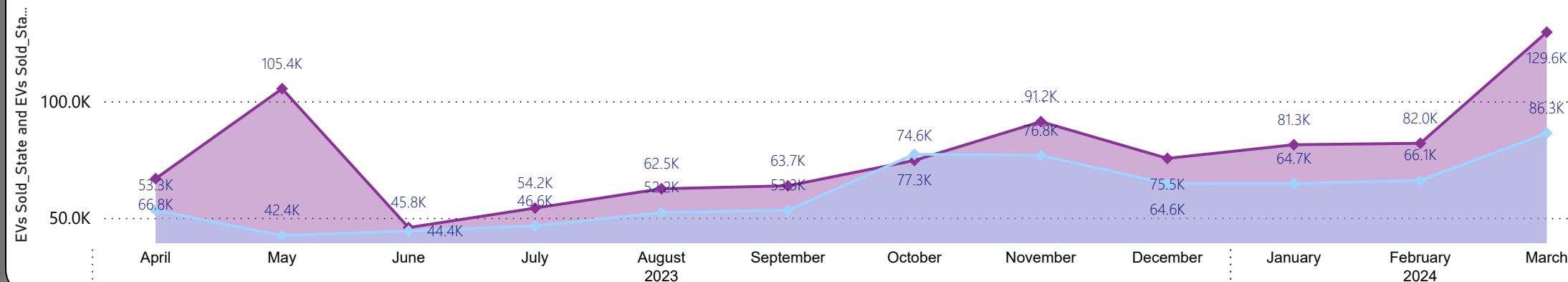
Revenue ● Revenue LY



₹ 0.0bn ₹ 5.0bn ₹ 10.0bn
Revenue and Revenue LY

EV Sales Comparison

◆ EVs Sold_State ● EVs Sold_State LY



COMPARISION
MAKER VS MAKER

COMPARE
STATES



STATE
VS
STATE



YEAR
ON
YEAR

COMPARE
MAKERS



YEAR
ON
YEAR

Vehicle Category

2-Wheelers

4-Wheelers



HOME



OVERVIEW



STATE-WISE
ANALYSIS



MAKERS
ANALYSIS



COMPARATIVE
ANALYSIS



HELP & INFO.

Selected Makers

Select up to 3 makers

FISCAL YEAR

2022

2023

2024

Select Up to 3 Makers

Summary

Makers

EVs Sold

CAGR

Revenue CY

Revenue CY by maker

Please select up to 3 Makers.

Please select up to 3 Makers.

EV Sales (Monthly)

Please select up to 3 Makers.

EVs sold makers

COMPARISON

MAKERS - YEAR ON YEAR



HOME



OVERVIEW



STATE-WISE ANALYSIS



MAKERS ANALYSIS



COMPARATIVE ANALYSIS



HELP & INFO.

Revenue CY VS Revenue LY

₹1,33,069.26M✓

LY: ₹49,334.21M (+169.73%)

EVs Sold CY and EVs Sold LY

7,75,368✓

LY: 2,71,150 (+185.96%)

COMPARE STATES



STATE VS STATE



YEAR ON YEAR

COMPARE MAKERS



MAKER VS MAKER

FISCAL YEAR

2022

2023

2024

MAKER

Multiple makers

maker

All

QUARTER

Q1

Q2

Q3

Q4

Revenue CY VS Revenue LY

₹1,33,069.26M✓

LY: ₹49,334.21M (+169.73%)

EVs Sold CY and EVs Sold LY

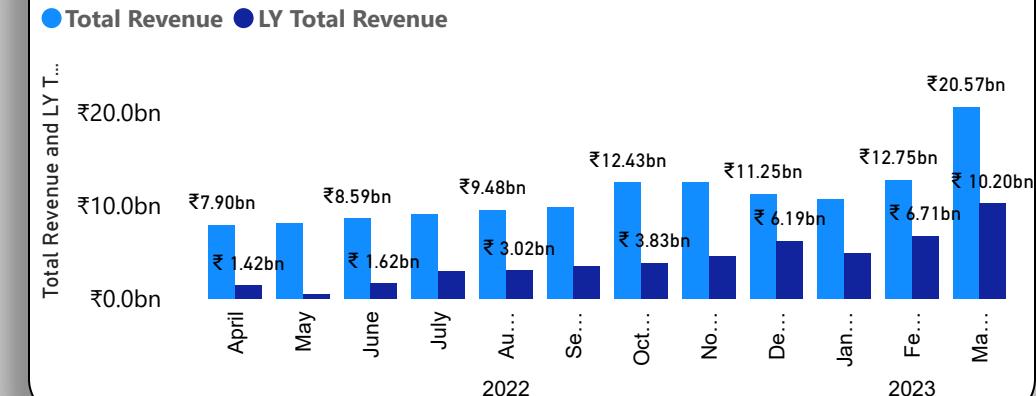
7,75,368✓

LY: 2,71,150 (+185.96%)

Summary

maker	EVs sold	Total Revenue
AMPERE	87,376	₹7,426.96N
ATHER	76,921	₹6,538.29N
BAJAJ	32,797	₹2,787.75N
BEING	11,018	₹936.53N
BMW India	285	₹427.50N
BYD India	920	₹1,380.00N
HERO ELECTRIC	88,992	₹7,564.41N
Total	7,75,368	₹1,33,069.26N

Revenue (CY vs LY)



EV Sales Comparison (CY vs LY)

Selected Year Previous Year



FISCAL YEAR

2022	2023	2024
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VEHICLES CATEGORY

2-Wheelers	4-Wheelers
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MAKERS

All

EVs sold makers by quarter and maker

Makers : ● BYD India ● Hyundai Motor ● Mahindra & Mahindra ● MG Motor ● Tata Motors

