

Preliminary Research Questions

1. **List the top 3 and bottom 3 makers** for the fiscal years 2023 and 2024 in terms of the number of 2-wheelers sold.
2. **Identify the top 5 states** with the highest penetration rate in 2-wheeler and 4-wheeler EV sales in FY 2024.
3. **List the states with negative penetration** (decline) in EV sales from 2022 to 2024.
4. **Analyze the quarterly trends** based on sales volume for the top 5 EV makers (4-wheelers) from 2022 to 2024.
5. **Compare the EV sales and penetration rates** in Delhi versus Karnataka for 2024.
6. **Calculate the compounded annual growth rate (CAGR)** in 4-wheeler units for the top 5 makers from 2022 to 2024.
7. **List the top 10 states** that had the highest compounded annual growth rate (CAGR) from 2022 to 2024 in total vehicles sold.
8. **Identify the peak and low season months** for EV sales based on the data from 2022 to 2024.
9. **Project the number of EV sales** (including 2-wheelers and 4-wheelers) for the top 10 states by penetration rate in 2030, based on the compounded annual growth rate (CAGR) from previous years.
10. **Estimate the revenue growth rate** of 4-wheeler and 2-wheelers EVs in India for 2022 vs 2024 and 2023 vs 2024, assuming an average unit price.