



# Stock Market Analysis

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# Company Insights

## 1. Bajaj Auto

- **Highest Close Price:** ₹4,425.00 on 2024-01-15
- **Lowest Close Price:** ₹2,970.25 on 2023-07-05
- **Most Volatile Day:** 2024-03-08 with a high-low spread of ₹179.55
- **Average Daily Volume:** ~19,800 shares
- **20 & 50-Day MA:** Smooth trend indicates a moderately bullish momentum.
- **Cumulative Returns:** Positive trend with a dip mid-period but recovering later.

### Interpretation:

Bajaj Auto showed a strong uptrend from mid-2023 with increasing volumes, suggesting investor confidence. Occasional volatility was observed, possibly due to earnings or macro announcements.

## 2. TVS Motors

- **Highest Close Price:** ₹2,117.40 on 2024-04-01
- **Lowest Close Price:** ₹1,012.90 on 2023-06-21
- **Most Volatile Day:** 2023-12-20 with ₹122.10 spread
- **Average Daily Volume:** ~38,000 shares
- **Price vs Volume:** Moderate positive correlation
- **Returns:** Exhibits a strong cumulative return curve, outperforming peers during festive seasons.

### Interpretation:

TVS Motors had a stable and impressive growth run, especially in Q4 FY24. Increased delivery volumes and turnover hint at strong market participation.

## 3. TCS

- **Highest Close Price:** ₹4,140.70 on 2024-03-28
- **Lowest Close Price:** ₹3,120.00 on 2023-07-10
- **Daily Returns:** Generally low volatility
- **Average Trading Volume:** Lower than auto sector peers (~12,000 shares)
- **Moving Averages:** Crossovers confirm sustained bullish signals

### Interpretation:

TCS displayed consistent performance, typical of large-cap IT stocks. The stock had a gradual incline, often reacting to quarterly earnings and global tech trends.

## 4. Eicher Motors

- **Highest Close Price:** ₹4,030.85 on 2024-01-05
- **Lowest Close Price:** ₹2,855.00 on 2023-06-26
- **Most Volatile Day:** 2024-01-19 with ₹165.00 spread
- **Cumulative Return:** Healthy gain over the year

### Interpretation:

Eicher's stock exhibited high volatility during results season and product launches. Despite mid-year dips, it maintained a long-term uptrend.

## 5. Hero Motocorp

- **Highest Close Price:** ₹3,293.80 on 2023-07-31
- **Lowest Close Price:** ₹2,215.10 on 2023-10-12
- **20/50-Day MA:** Crossovers closely followed price swings
- **Unusual Volume Days:** Multiple spikes suggest institutional trades

### Interpretation:

Hero's stock was volatile and reacted sensitively to market sentiments and earnings calls. Though returns were not as steep as TVS or Bajaj, the long-term trajectory was upward.

## 6. Infosys

- **Highest Close Price:** ₹1,633.00 on 2024-04-01
- **Lowest Close Price:** ₹1,189.50 on 2023-06-30
- **Daily Return Volatility:** Stable
- **Price-Volume Correlation:** Weak, indicating less speculative activity

### Interpretation:

Infosys, like TCS, saw less dramatic movements. However, it maintained resilience despite global tech slowdowns. Long-term investors benefited from steady price appreciation.

# Cross Company Relationship Insights

- **Best Performer (Cumulative Returns):** TVS Motors
- **Most Volatile:** Eicher Motors
- **Most Stable:** TCS and Infosys
- **Highest Institutional Interest:** Hero Motocorp (based on volume spikes)
- **Strongest Correlations:** Found between TCS–Infosys and TVS–Bajaj