**Title: Financial Analysis and Visualization of Wipro.NS using yfinance**

**Primary Objectives:**

● Extract historical price data using yfinance for analysis.

● A runnable Jupyter notebook (.ipynb) implementing the pipeline.

● A consolidated CSV table with stacked financial statements (annual + quarterly).

● Compute common technical indicators (SMA, EMA, RSI, MACD, Bollinger Bands, Volume MA).

● Plot price and indicator overlays with matplotlib (publication-quality charts).

● A short analysis interpretation of fundamentals vs price.

**Tools & Dependencies:**

Software: Python (3.8+)

Imported Libraries : yfinance, pandas, numpy, matplotlib

Install:

pip install yfinance pandas numpy matplotlib

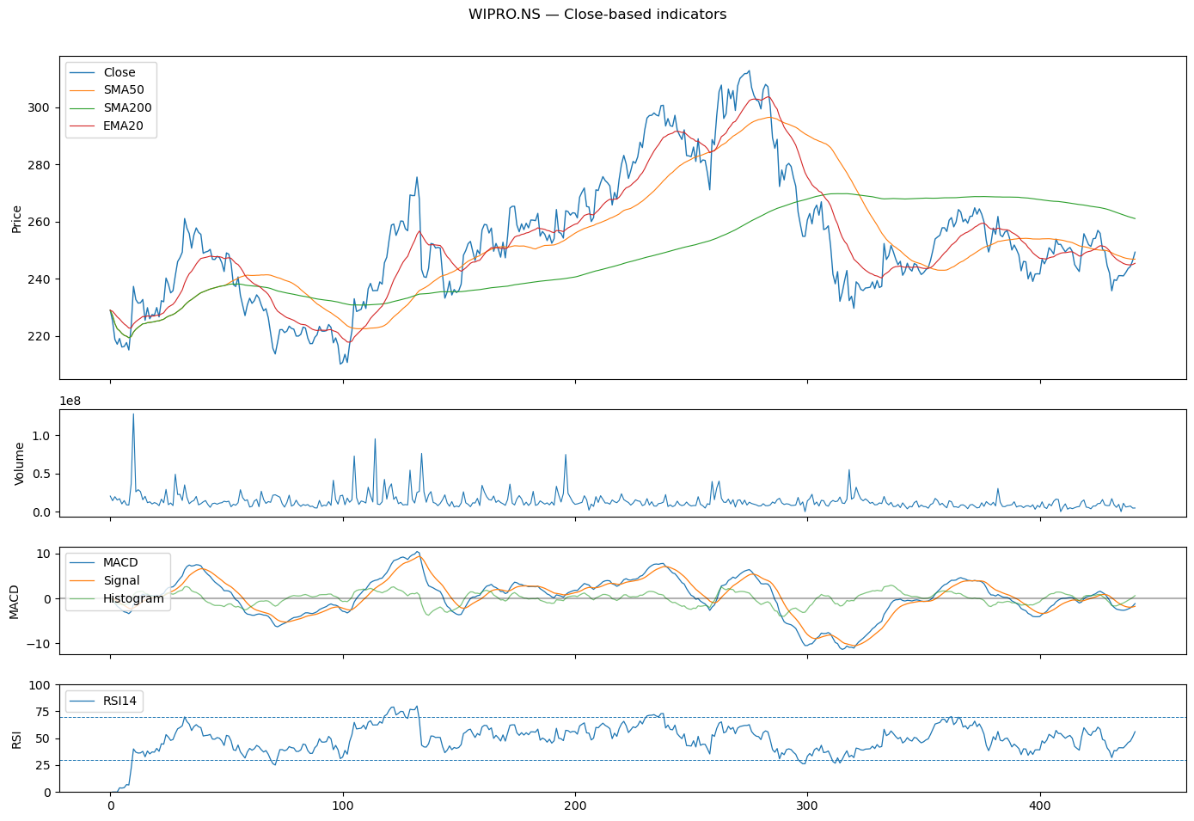
**Key Findings:**

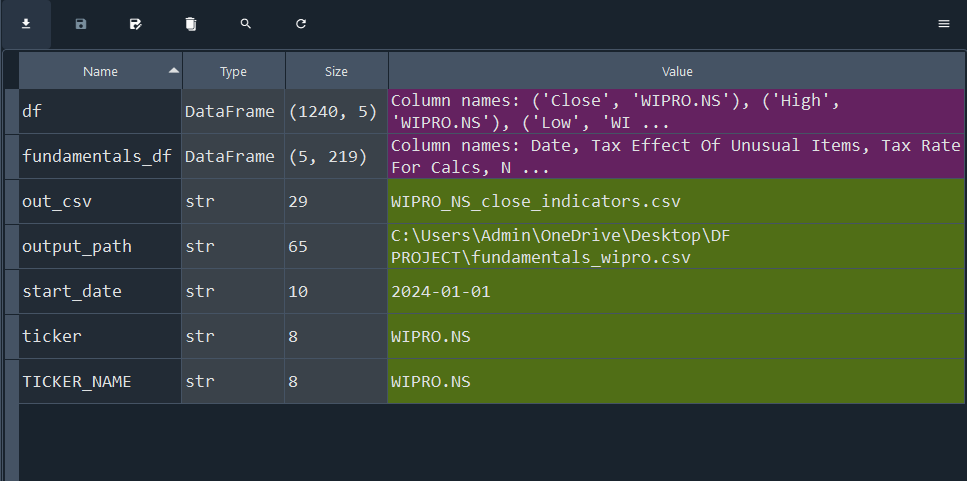
**1. Key Fundamental Observations (from CSV)**

* **Revenue Growth:** The company exhibits **steady year-over-year growth** in revenue and profitability. Net income rose ~19% in FY25, indicating improved efficiency and margin expansion.
* **Cash Flow Strength:** **Operating cash flow exceeds net income (≈128%)**, confirming robust earnings quality and strong cash generation to fund dividends and buybacks.
* **Balance Sheet Health:** **Debt levels remain low and equity positive**, reflecting a **sound capital structure** with minimal solvency risk.

**2. Key Technical Observations (from Plot)**

* **Long-Term Trend:** The stock price remains **above the 200-day SMA** for most periods, confirming a **sustained long-term uptrend**.
* **Momentum Confirmation:** **MACD stays above the Signal Line** during rallies, supported by higher trading volumes—indicating **strong bullish momentum**.
* **RSI Utilization:** **RSI dips near 35–40 trigger rebounds**, showing **buying interest at oversold levels** and shallow corrections within the broader uptrend



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