

Comparative Analysis of Stock Performance of Major IT Companies: Insights from RSI and ROC Oscillators

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Abstract: *This study provides a detailed comparative analysis of the stock performance of major Indian IT companies—Infosys, Wipro, Tech Mahindra, HCL, and TCS—using technical analysis tools: the Relative Strength Index (RSI) and Rate of Change (ROC) oscillators. By evaluating historical stock prices, the research aims to quantify stock returns and assess price momentum. The RSI values indicate that Infosys and Wipro are nearing oversold conditions, suggesting potential for price reversals or weakness. In contrast, Tech Mahindra's higher RSI reflects stronger recent performance but also potential for future corrections. ROC analysis corroborates these findings, showing Tech Mahindra with the highest momentum, while Infosys and Wipro exhibit declining trends. The study highlights Tech Mahindra's superior short-term performance, while Infosys and Wipro face challenges, advising caution in the current market conditions.*

Keywords: Stock Performance, Technical Analysis, Relative Strength Index (RSI), Rate of Change (ROC), IT Companies, Momentum Analysis, Financial Indicators.