NIFTY50 DAILY TRADING REPORT

■ Date: 2026-01-29
■ Timeframe: 1 Day Chart (3 months daily data)
■ Trade Horizon: Swing/Positional (1-5 days)
This report is for swing/positional traders. Intraday traders should ignore this.

■ FINAL DECISION: SHORT

Reason: Trend confirmed (ADX 25.8, Vol Ratio 0.0)

■ Market Regime: Strong Trend - Trending cleanly

Executive Summary

NIFTY50 is currently showing a **Bearish** trend.
Latest close: **25342.75**
Overall signal: **SHORT bias**
Confidence Score: 8/10

AI Commentary

Technical Commentary on NIFTY50 The current market data for NIFTY50 indicates a bearish trend, with the index priced at 25342.75. The RSI at 40.21 suggests that the market is not yet oversold, while the ADX at 25.77 confirms a strong trend. The MACD is negative at -215.02, with the signal line at -154.1, indicating bearish momentum. Bollinger Bands show the upper limit at 26509.09 and the lower limit at 24929.72, suggesting potential volatility within this range. Given the current indicators, the decision is to SHORT the market. The bearish trend is confirmed by the ADX reading above 25, and the absence of volume (Vol Ratio 0.0) supports this decision. **No Trade Triggers:** 1. **ADX Threshold and Expansion Requirement:** Wait for ADX to rise above 30 to confirm trend strength and expansion. 2. **Breakout/Breakdown Levels:** Monitor for a breakout above resistance at 26373.2 or a breakdown below support at 24919.8. 3. **MACD and RSI Confirmation:** Look for a bearish MACD crossover (signal line crossing above MACD) and RSI moving below 30 for confirmation of further downside potential. Stay vigilant for these triggers to refine entry points and manage risk effectively.

Key Levels

Resistance: 26373.2
Support: 24919.8

If–Then Decision Logic

IF ADX > 20 AND price > ■26373.2 → Look for LONG
IF ADX > 20 AND price < ■24919.8 → Look for SHORT
ELSE → NO TRADE

Trigger Checklist

- ADX ≥ 20 and expanding
- Breakout above ■26373.2 or breakdown below ■24919.8
- MACD direction/crossover aligned (-215.02)
- RSI confirms momentum without extreme (30–70)

Trade Setup

Direction: SHORT
Entry: Below ■24919.80
Target 1: 25089.32
Target 2: 24835.9
Stop Loss: 26373.2
Risk:Reward: 0.25

Risk Assessment

Volatility: Low
ATR: ■242.39 (0.96% of price)
Position sizing guidance: Standard position sizing acceptable
Conviction score: 8/10

Active Signals (Interpreted)

Trend strength: Strong (ADX: 25.77) drives the decision.
Momentum: RSI 40.21 is neutral, but trend strength has priority.

Machine Learning Insights (LightGBM)

Price Movement: The model predicts a **51.0%** probability of a positive move for the next period.
Top factors: VOLATILITY (214.32), EMA_50 (140.55), ADX (119.04)

Note: These are experimental signals based on historical patterns and should be used as secondary confirmation.

What Not To Do

- Chase price without the stated entry condition
- Ignore the stop loss or move it wider
- Oversize positions during high ATR volatility

NIFTY50 - Price Action & Technicals
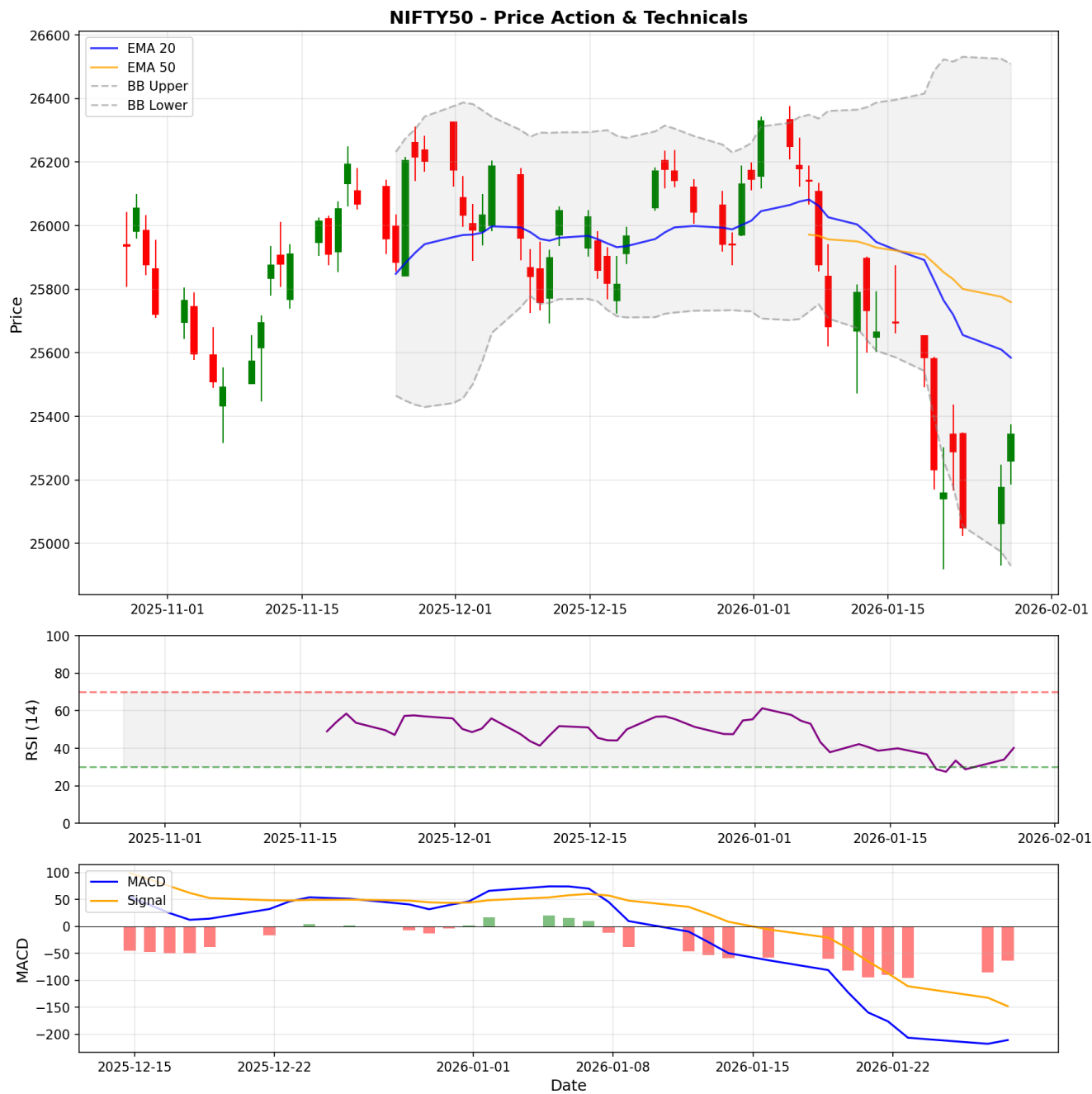
Indicator Snapshot

Indicator	Value
RSI (14)	40.21
MACD	-215.02

MACD Signal	-154.1
Bollinger Upper	26509.09
Bollinger Lower	24929.72
EMA 20	25584.65
EMA 50	25759.23
EMA 200	
ATR	242.39
ADX	25.77

Appendix: Indicator Notes

RSI: Momentum gauge. Overbought above 70, oversold below 30.
MACD: Trend-following momentum and crossover signal.
Bollinger Bands: Volatility bands used for squeeze and breakout context.
EMA: Weighted trend averages (20/50/200).
ADX: Trend strength; below 20 is weak or range.

Data Methodology

Market Data Source: Yahoo Finance (Daily OHLCV)
Analysis Timeframe: Daily, last 3 months unless specified
Calculations: Standard TA-Lib algorithms (RSI, MACD, Bollinger Bands, EMA)

Important: Indicator values may differ from other platforms due to data timing, symbol selection, and vendor-specific adjustments. EMAs and RSI are validated within ~1% of TradingView for matching timeframe/symbol. MACD may differ; use primarily for direction/crossovers.

Disclaimer

Informational only. Not financial advice.