

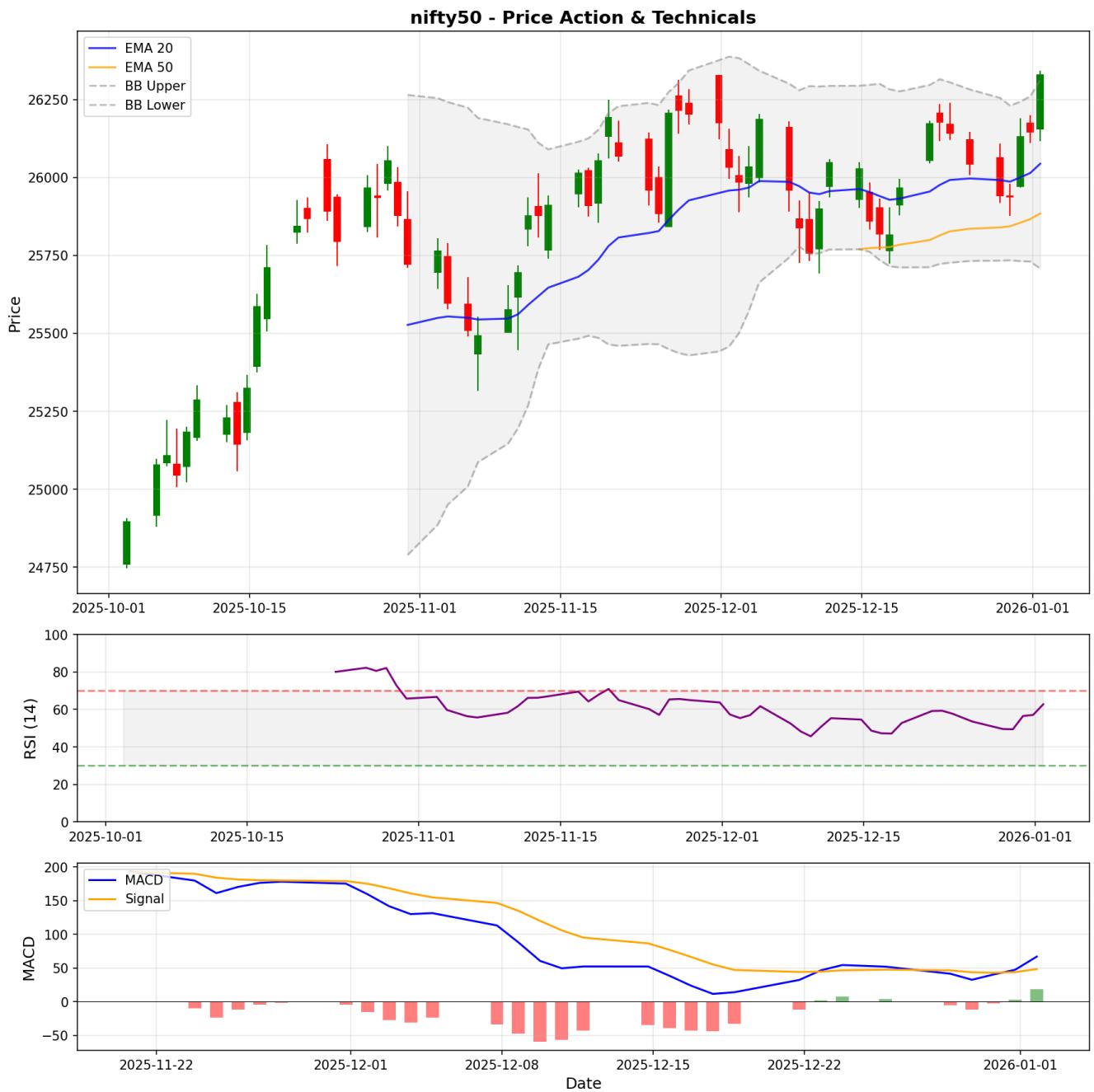
# Trading Report for NIFTY50

Date: 2026-01-02 18:38:05

- Analysis Timeframe: 1 Day Chart (3 months daily data)
- Trade Horizon: Swing/Positional (1-5 days)
- Market Regime: Range-Bound - Low volatility consolidation

## Executive Summary

nifty50 is currently showing a **Bullish** trend. The latest closing price is **26328.55**. Based on the technical analysis, the overall signal is **Mixed (Bullish trend, weakening momentum)**.



## Technical Analysis Detail

Trend: **Bullish**

## TRADE BIAS

Primary Bias: LONG

Current Stance: Cautious Long / Wait for confirmation

Conviction: 5/10

Execution Plan: Enter long if price holds above █26043.99 for 2+ candles or breaks above █26340.00 with volume expansion. Otherwise, stay flat.

Invalidation Level: █25641.86

Confirmation Level: █26340.0

## RISK ASSESSMENT

ATR: █176.55 (0.67% of price)

Volatility: Low → Can use tighter stops, standard sizing

Expected Daily Range: ±176.55 points

ADX: 13.34 (Weak)

Trend Strength: Weak → Range-bound likely, avoid trend trades

Position Sizing Guidance: Standard position sizing acceptable

### Active Signals:

- █ Neutral RSI: 62.77
- █ Bullish MACD crossover
- █ Strong uptrend detected

## Technical Indicators

Indicator	Value
RSI (14)	62.77
MACD	67.3
MACD Signal	48.65
Bollinger Upper	26311.85
Bollinger Lower	25707.91
EMA 20	26043.99
EMA 50	25884.3
EMA 200	
ATR	176.55
ADX	13.34

## Support & Resistance

Resistance: 26340.0

Support: 25693.25

## Candlestick Patterns

- No significant patterns detected

## Understanding This Report

**RSI (Relative Strength Index):** Measures momentum. Values > 70 suggest the asset is overbought (potential drop), while < 30 suggest oversold (potential rise).

**MACD:** Trend-following momentum indicator. Crossovers between the MACD line and Signal line can indicate trend changes.

**Bollinger Bands:** A volatility indicator. Prices often rebound from the upper/lower bands. Squeezes indicate low volatility and potential breakout.

**EMA (Exponential Moving Average):** Weighted averages of price. EMA 20/50 are for short/medium trends, EMA 200 for long-term trend.

**ADX:** Measures trend strength. ADX > 25 indicates a strong trend (up or down). < 20 indicates a weak or ranging market.

## 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

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