

# Trading Report for NIFTY50

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

## Action Plan

Decision: **NO TRADE**

Reason: Weak/choppy conditions (ADX 19.94)

Entry: Do not enter

Target 1: None

Target 2: None

Stop Loss: None

Risk:Reward: None

Invalidation: Wait for ADX > 20 or breakout of ■24919.8-■26373.2

### ■ POTENTIAL SETUPS (WAIT FOR TRIGGER)

Long Trigger: ADX > 20 + breakout above ■26373.2

Short Trigger: ADX > 20 + breakdown below ■24919.8

Current Price: ■25072.0

Status: No trigger — stay flat

### ■■ RISK ASSESSMENT (CRITICAL)

ATR: ■229.51 (0.92% of price)

Volatility: Low → Can use tighter stops, standard sizing

Trend Strength: Weak (ADX: 19.94)

Position Guidance: Standard position sizing acceptable (low conviction → further reduce or avoid)

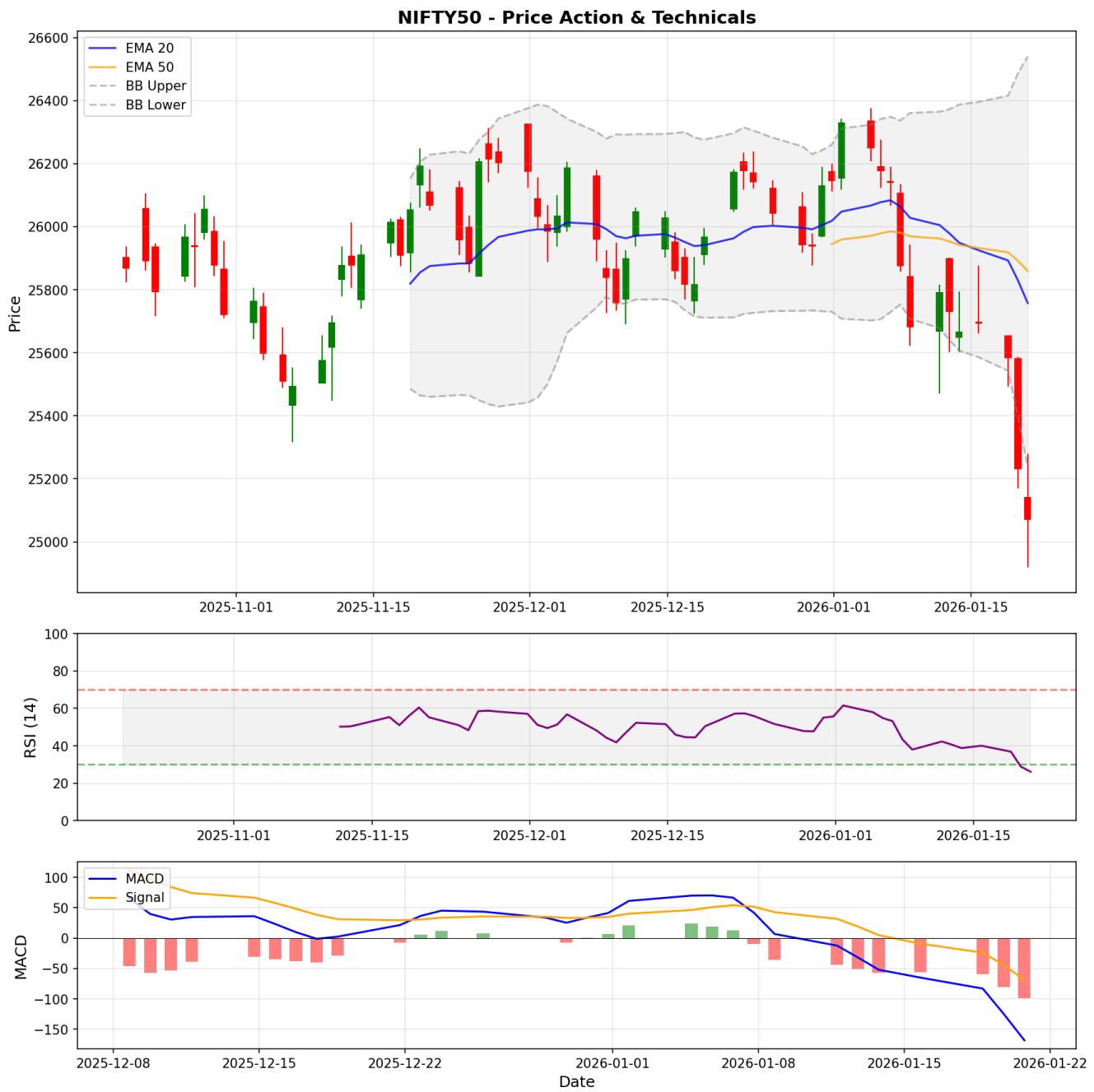
## Executive Summary

NIFTY50 currently has **no actionable setup**.

Regime: **Range-Bound** - Low volatility consolidation

Latest close: **25072.0**

Overall signal: **Neutral (No Trade)**



## Technical Analysis Detail

Trend: **Bearish**

**TRADE BIAS**

Primary Bias: NO TRADE  
Current Stance: No trade  
Conviction: 3/10

Execution Plan: Do not enter. Weak trend strength (ADX: 19.9). Current ADX: 19.9 (wait for ADX > 20).  
Price range: ■25072.00 between support (■24919.8) and resistance (■26373.2). Wait for clear breakout above ■26373.2 (for LONG) or below ■24919.8 (for SHORT).

Invalidation Level: ■24919.8  
Confirmation Level: ■26373.2

## RISK ASSESSMENT

ATR: ■229.51 (0.92% of price)  
Volatility: Low → Can use tighter stops, standard sizing  
Expected Daily Range: ±229.51 points

ADX: 19.94 (Weak)  
Trend Strength: Weak → Range-bound likely, avoid trend trades  
Position Sizing Guidance: Standard position sizing acceptable (low conviction → further reduce or avoid)

### Active Signals:

- Oversold - Potential BUY signal (RSI: 26.16)
- Bearish MACD crossover
- Strong downtrend detected

## Technical Indicators

Indicator	Value
RSI (14)	26.16
MACD	-171.27
MACD Signal	-73.33
Bollinger Upper	26539.6
Bollinger Lower	25235.36
EMA 20	25757.6
EMA 50	25859.59
EMA 200	
ATR	229.51
ADX	19.94

## Support & Resistance

Resistance: 26373.2

Support: 24919.8

## 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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