

# Sector-wise Candlestick Pattern Analysis Report

Report Generated:	November 19, 2025 at 12:38 AM
Analysis Date Range:	2025-10-17 to 2025-11-18
Sectors Analyzed:	1 sectors
Timeframes:	DAILY, WEEKLY, MONTHLY
Total Patterns Found:	8 patterns
Pattern Types:	NR4, NR7, NR13, NR21
Breakout Analysis:	Included

**Report Overview:**

This comprehensive analysis covers candlestick pattern detection across 1 selected sectors, focusing on Narrow Range (NR) patterns for the latest available trading periods. The report includes pattern identification, breakout analysis, and sector-wise performance metrics.

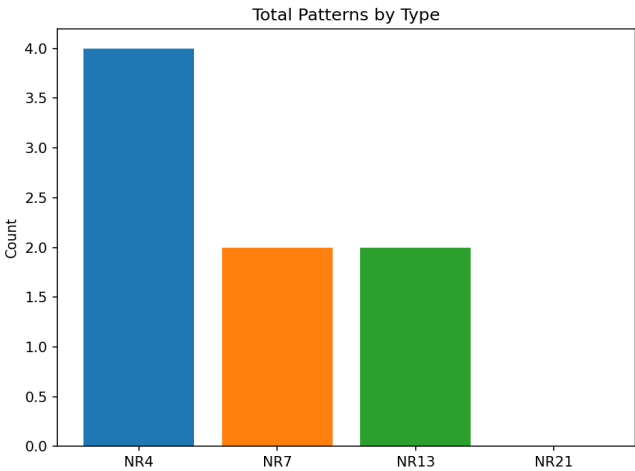
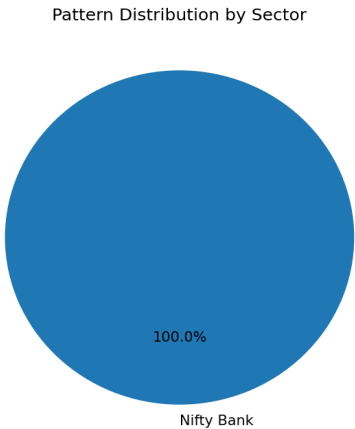
**Key Features:**

- Multi-timeframe analysis (Daily, Weekly, Monthly)
- Breakout detection from previous NR patterns
- Sector-wise pattern distribution
- Volume-weighted pattern rankings
- Historical pattern analysis

## Executive Summary

Total Stocks Analyzed:	1
Total Patterns Detected:	8
Breakout Signals:	4
Success Rate:	50.0%

## Pattern Distribution by Sector



## Top Performing Sectors

Rank	Sector	Total Patterns	Breakout Signals	Success Rate
1	Nifty Bank	8	4	50.0%

Pattern Analysis Overview

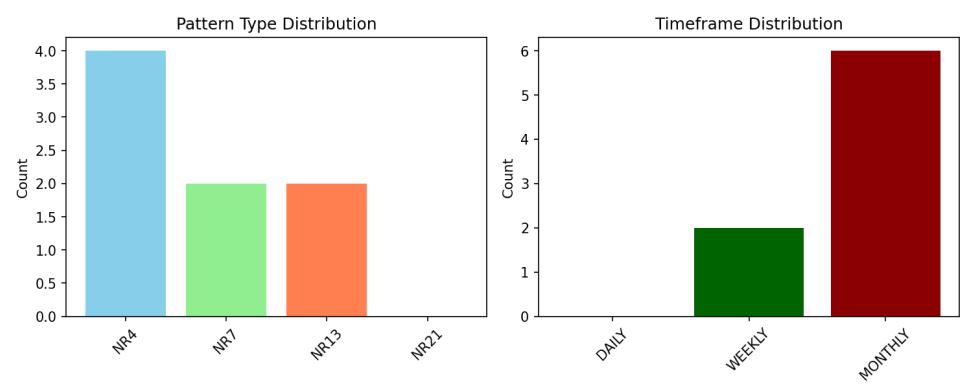
Pattern Type Distribution

Pattern Type	Count	Percentage
NR4	4	50.0%
NR7	2	25.0%
NR13	2	25.0%
NR21	0	0.0%

Timeframe Distribution

Timeframe	Count	Percentage
DAILY	0	0.0%
WEEKLY	2	25.0%
MONTHLY	6	75.0%

Pattern and Timeframe Comparison



## Breakout Analysis

### Breakout Summary:

Total Breakout Signals: 4

Breakouts Above NR High: 4

Breakdowns Below NR Low: 0

### Analysis:

Breakout signals indicate stocks that have moved beyond their previous narrow range patterns, suggesting potential trend continuation or reversal. Breakouts above previous highs typically indicate bullish momentum, while breakdowns below previous lows suggest bearish pressure.

### Top Bullish Breakouts

Symbol	Sector	Pattern	Timeframe	Breakout Signal	Volume
SBIN	Nifty Bank	NR4	MONTHLY	Above NR High	88,249,270
SBIN	Nifty Bank	NR7	MONTHLY	Above NR High	88,249,270
SBIN	Nifty Bank	NR13	MONTHLY	Above NR High	88,249,270
SBIN	Nifty Bank	NR4	WEEKLY	Above NR High	24,444,884

## Detailed Sector Analysis

### Nifty Bank

**Stocks Analyzed:** 1

**Total Patterns:** 8

**Breakout Signals:** 4

**Top Volume Leader:** SBIN

Metric	NR4	NR7	NR13	NR21	Total
Patterns	4	2	2	0	8
DAILY	0	0	0	0	0
WEEKLY	1	0	0	0	2
MONTHLY	3	1	1	0	6

Detailed Stock Analysis

Top 20 Most Active Stocks (by Pattern Count)

Rank	Symbol	Sector	Pattern Count	Timeframes	Breakouts	Latest Pattern
1	SBIN	Nifty Bank	8	MONTHLY/WEEKLY	4	NR4 (2025-10-31)

## Appendix

### Methodology

#### Pattern Detection:

- NR4: Current range is smallest in last 4 periods
- NR7: Current range is smallest in last 7 periods
- NR13: Current range is smallest in last 13 periods
- NR21: Current range is smallest in last 21 periods

#### Breakout Detection:

- Breakout Above: Current high > Previous NR pattern high
- Breakdown Below: Current low < Previous NR pattern low

#### Data Sources:

- Daily Data: nse\_equity\_bhavcopy\_full table
- Weekly Data: nse\_bhav\_weekly table
- Monthly Data: nse\_bhav\_monthly table
- Sector Data: nse\_indices and nse\_index\_constituents tables
- Pattern Storage: candlestick\_patterns table

### Data Freshness

#### Latest Available Data:

- Daily: 2025-11-18
- Weekly: 2025-10-17
- Monthly: 2025-10-31

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