

Sector-wise Candlestick Pattern Analysis Report

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|-----------------------|-------------------------------|
| Report Generated: | November 19, 2025 at 12:40 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.

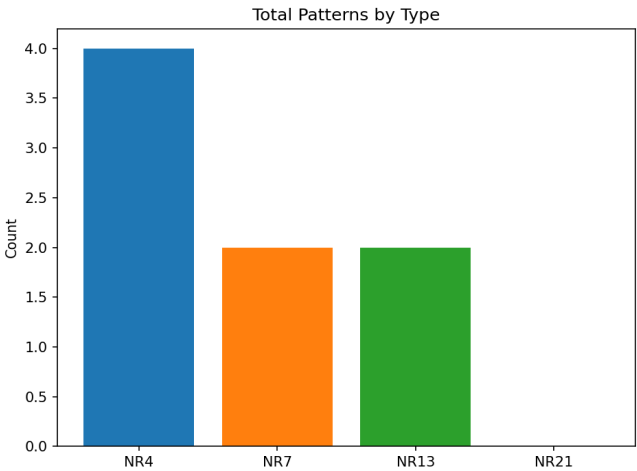
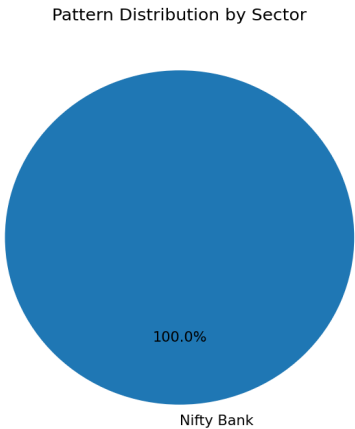
Key Features:

- 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

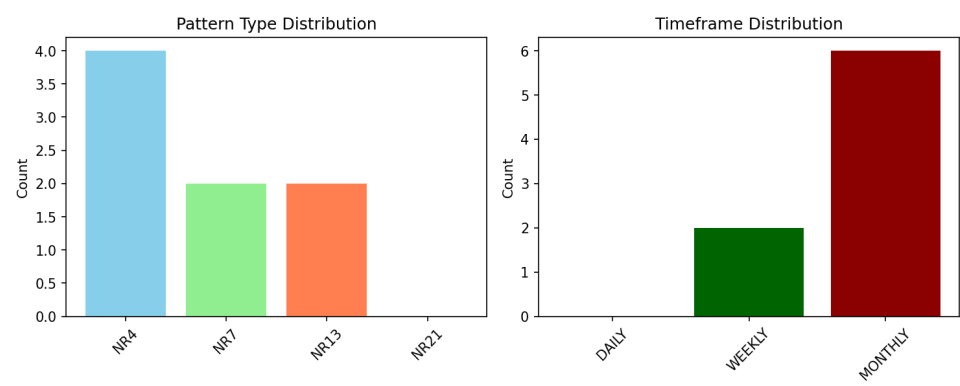
Pattern Type Distribution

| 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

Report generated on: 2025-11-19 00:40:01