Summary and Analysis:

The overall market signal was neutral with a confidence of 44.3%.

Across all tweet-hashtag signal calculations:

- 28.8% showed bullish sentiment (585 tweets)
- 6.7% showed bearish sentiment (136 tweets)
- 9.4% were neutral (191 tweets)
- 55.1% had insufficient confidence or were too ambiguous to classify

Out of the total 2030 tweets scraped:

- ~43.2% (877 tweets) had at least one high-confidence signal
- ~56.8% (1,153 tweets) were too low confidence or ambiguous

In terms of the specific hashtags:

All five target hashtags (#nifty, #nifty50, #sensex, #banknifty, #intraday) show weak bullish bias with HOLD signals. While sentiment leans positive (60-76% bullish), signal confidence remains below actionable thresholds (43-49%), indicating insufficient conviction for trading action.

Hashtag Rankings

- 1. #nifty Strongest signal (+0.098, 44.1% conf) 1,066 tweets, 68.6% bullish
- 2. #sensex Second (+0.092, 43.5% conf) 482 tweets, 75.7% bullish (highest bullish %)
- 3. #intraday Third (+0.090, 48.9% conf) 533 tweets, highest confidence
- 4. #banknifty Fourth (+0.082, 44.4% conf) 651 tweets, 65.7% bullish
- 5. #nifty50 Weakest (+0.067, 45.9% conf) 726 tweets, 60.2% bullish

Note:

"Strongest signal" refers to the hashtag with the highest absolute signal score that indicates the most confident directional bias (bullish or bearish).

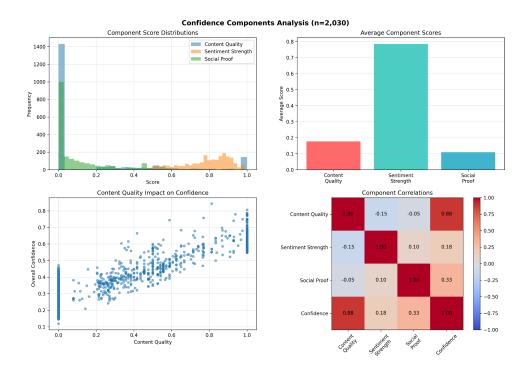
Signal Score Breakdown:

The signal score is a composite metric ranging from -1.0 (strong bearish) to +1.0 (strong bullish) that combines:

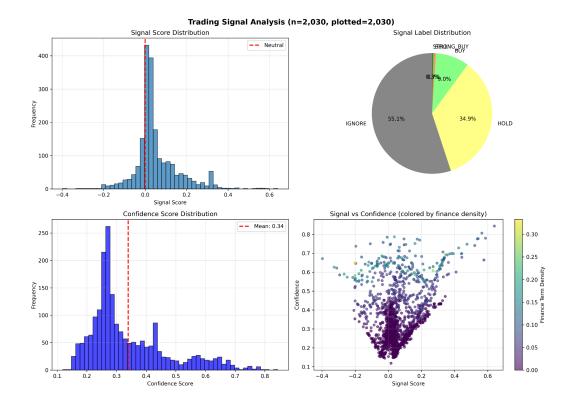
- Sentiment Analysis Overall positive/negative sentiment in tweets
- Engagement Metrics Likes, retweets, replies (higher engagement = more weight)
- Confidence Levels How certain the model is about each tweet's sentiment

Hashtag	Why Notable
#nifty	Highest signal score (most bullish overall)
#sensex	Highest bullish % (75.7% - most consistent bullish sentiment)
#intraday	Highest confidence (48.9% - most reliable signals)

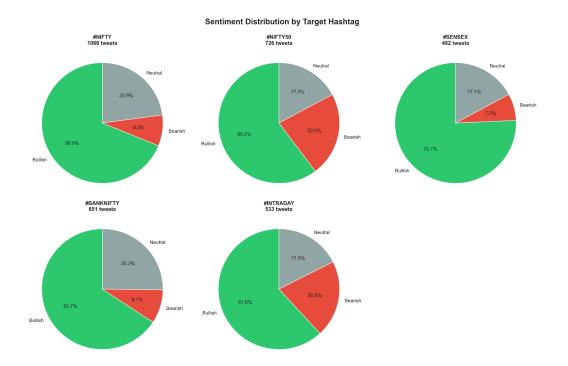
Visualizations:



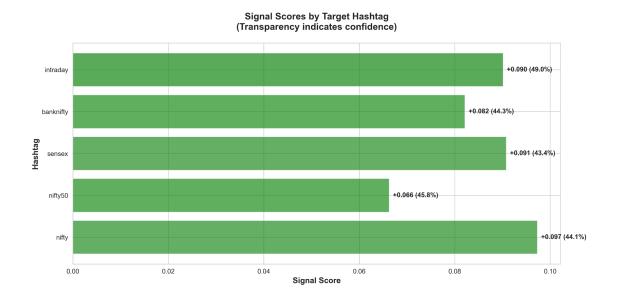
The confidence scoring system for tweet sentiment analysis is based on three components: Content Quality, Sentiment Strength, and Social Proof (engagement metrics). Analysis of 2,030 tweets reveals that Content Quality is the primary driver of confidence scores (correlation: 0.88), while Sentiment Strength averages 0.77, indicating strong emotional signals in the dataset.



Analysis of 2,030 tweets reveals a weak bullish market bias with the majority of signals (55.1%) marked as "IGNORE" due to low confidence thresholds. The mean confidence score of 0.34 indicates moderate reliability, while the signal distribution shows a slight positive skew centered near neutral (0.0), suggesting cautious market sentiment rather than strong directional conviction.



All five target hashtags exhibit strong bullish sentiment (60-76%), confirming positive market bias. #SENSEX leads with 75.7% bullish tweets, showing highest conviction, while #NIFTY50 has the most bearish sentiment (22.6%), indicating greater disagreement. Neutral sentiment ranges 17-25%, suggesting most tweets express clear directional opinions.



All five target hashtags show weak-to-moderate bullish signals (+0.066 to +0.097), with #NIFTY leading at +0.097 and #NIFTY50 trailing at +0.066. Confidence levels are moderate (43-49%), with #INTRADAY having highest confidence at 49.0% despite not having the strongest signal. The tight clustering indicates consistent weak bullish sentiment across Indian market indices.

Appendix

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OVERALL MARKET SENTIMENT

Output of feature extraction:

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📊 Market Signal: NEUTRAL 💳

✓ Signal Score: +0.080
★ Confidence: 44.3%
⑥ Consensus: MIXED
✓ Total Tweets: 2,030
  Hashtags Analyzed: 69

Recommendation:

Market shows no clear direction. Hold positions. Low confidence - signal reliability is questionable.

Sentiment Distribution:

Bullish: 585 (28.8%) Bearish: 136 (6.7%) Neutral: 191 (9.4%)

- Hashtag Performance Ranking:
 - 1. #stock: BUY (+0.26, 42.8% conf) //
 - 2. #ipo: BUY (+0.22, 43.1% conf)
 - 3. #nasdaq: HOLD (+0.16, 39.1% conf) [1]
 - 4. #breakoutstock: HOLD (+0.15, 47.7% conf) 111
 - 5. #stocks: HOLD (+0.14, 42.7% conf) 11
 - 6. #stockstowatch: HOLD (+0.14, 43.5% conf) 111
 - 7. #market: HOLD (+0.13, 49.3% conf) 111
 - 8. #swingtrading: HOLD (+0.13, 43.1% conf) [1]
 - 9. #midcap: HOLD (+0.13, 46.4% conf) 11
 - 10. #niftynext50: HOLD (+0.12, 40.4% conf) 11

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TARGET HASHTAGS ANALYSIS

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Target hashtags: #nifty, #nifty50, #sensex, #banknifty, #intraday

Found 5/5 target hashtags in data

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QUICK SUMMARY

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Hashtag	Signal	Score C	Confidence	Tweets
#nifty	HOLD	+0.097	 44.1%	1066 [11]
#sensex	HOLD	+0.091	43.4%	482 🔟
#intraday	HOLD	+0.090	49.0%	533 🕕
#banknifty	HOLD	+0.082	44.3%	651 🔟
#nifty50	HOLD	+0.066	45.8%	726 🕕

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#NIFTY

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✓ SIGNAL: HOLD (+0.097)

Confidence: 44.1% Consensus: MIXED

TWEETS: 1066 total, 411 high-confidence

SENTIMENT:

Bullish: 283 (68.9%)
Bearish: 34 (8.3%)
Neutral: 94 (22.9%)

ENGAGEMENT:

♣ Likes: 3,475☑ Retweets: 436☑ Replies: 303

______ ======= **#SENSEX** ______ ======= ✓ SIGNAL: HOLD (+0.091) Confidence: 43.4% Consensus: MIXED TWEETS: 482 total, 181 high-confidence SENTIMENT: Bullish: 137 (75.7%) Bearish: 13 (7.2%) Neutral: 31 (17.1%) ENGAGEMENT: 4 Likes: 1,077 Retweets: 66 Replies: 55 ______ ======= **#INTRADAY** ______ ======= ✓ SIGNAL: HOLD (+0.090) Confidence: 49.0% Consensus: MIXED TWEETS: 533 total, 325 high-confidence SENTIMENT: Bullish: 201 (61.8%) Bearish: 67 (20.6%) Neutral: 57 (17.5%)

ENGAGEMENT:

♣ Likes: 1,446➢ Retweets: 105➢ Replies: 512

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#BANKNIFTY

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✓ SIGNAL: HOLD (+0.082)

Confidence: 44.3% Consensus: MIXED

TWEETS: 651 total, 254 high-confidence

SENTIMENT:

Bullish: 167 (65.7%)Bearish: 23 (9.1%)Neutral: 64 (25.2%)

ENGAGEMENT:

♣ Likes: 1,619⚠ Retweets: 196ฺ Replies: 219

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#NIFTY50

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✓ SIGNAL: HOLD (+0.066)

Confidence: 45.8% Consensus: MIXED

TWEETS: 726 total, 332 high-confidence

SENTIMENT:

Bullish: 200 (60.2%)

Bearish: 75 (22.6%)Neutral: 57 (17.2%)

MATERIAL SERVICE MENT:

♣ Likes: 1,559☑ Retweets: 160☑ Replies: 177