

# DAYBREAK & MIDDAY

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## Non-technical Ai Models description



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# Infi-flux – Introduction

## What do we do?

Our expertise lies in researching financial markets, leveraging skills in Business Analytics, Artificial Intelligence (AI), and Data Analysis. Our objective is to develop a structured approach to forecasting various financial instruments, including stocks, forex, and commodities. While there are numerous methods for forecasting these instruments, we have chosen to focus on sentiment forecasting for financial market indices. Currently, our primary focus is addressing the challenge of systematic risk management – risks that impact entire markets or industries rather than individual companies or investments. Since systematic risk cannot be mitigated through diversification alone, it demands strategic management to minimize its impact effectively.

Sentiment forecasting of market indices can be a powerful tool in systematic risk management, offering insights into potential market trends and helping you detect early signs of risk. By analyzing the collective sentiment of investors, traders, and financial markets, you can better anticipate macroeconomic changes that influence systematic risks. One can use our model's output for -

- Early Detection of Market Stress
- Tracking Sector-Specific Risks
- Detecting Macroeconomic Risks
- Supporting Portfolio Diversification Strategies
- Integrate sentiment scores into risk models for improved decision-making.
- Develop early warning systems to notify investors of sudden probable sentiment shifts.
- Use sector-specific sentiment trends to highlight areas prone to systematic risks.
- Combine sentiment data with macroeconomic indicators to create robust risk forecasts.

## DAYBREAK & MIDDAY

Our models, DayBreak and MidDay, are designed to forecast sentiments for multiple instruments at specific intervals, targeting the morning and afternoon sessions of the following day, respectively. The accuracy algorithm illustrated below provides a detailed explanation of the intervals for which our models predict sentiments for each respective instrument.

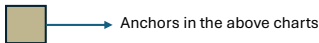
### DayBreak

- **Bullish Prediction:**
  - Correct if the previous day's close is **less than**  $<$  any price in the first quarter of the next day.
  - **Incorrect** otherwise.
- **Bearish Prediction:**
  - Correct if the previous day's close is **greater than**  $>$  any price in the first quarter of the next day.
  - **Incorrect** otherwise.

### MidDay

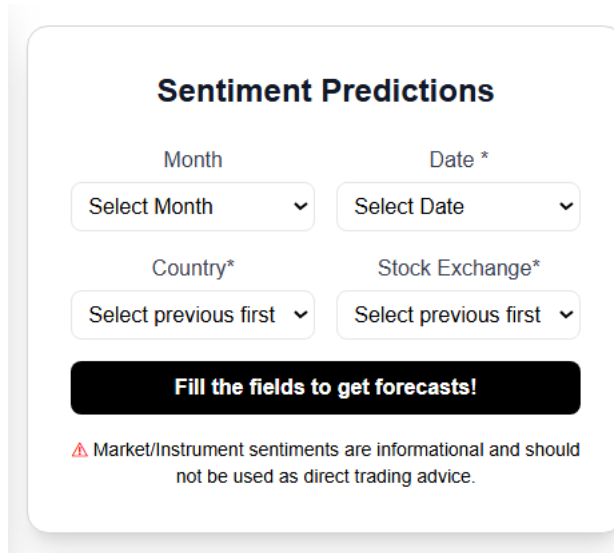
- **Bullish Prediction:**
  - Correct if the closing price at the end of the first quarter of the next day is **less than**  $<$  any price in the second half of the next day.
  - **Incorrect** otherwise.
- **Bearish Prediction:**
  - Correct if the closing price at the end of the first quarter of the next day is **greater than** any price in the second half of the day.
  - **Incorrect** otherwise.

### Accuracy Algorithm



## PLATFORM DESCRIPTION & USAGE

You can access sentiment forecasts for selected market indices for the following day through the form available on our landing page at [www.infiflux.com](http://www.infiflux.com). Currently, we manage over 200+ indices. As this is our initial product and platform concept testing phase, we are focusing on a limited range of market indices. The image below showcases the form that allows you to access these market sentiments free of charge.



**Sentiment Predictions**

Month                      Date \*

Select Month ▼      Select Date ▼

Country\*                      Stock Exchange\*

Select previous first ▼      Select previous first ▼

**Fill the fields to get forecasts!**

⚠ Market/Instrument sentiments are informational and should not be used as direct trading advice.

We have also provided historical and current performance statistics of our AI models besides the form on our landing page [infiflux.com](https://infiflux.com).

If the instruments you are interested in are not currently listed, we encourage you to fill out our Request Form. A link or button to this external form is available on our landing page, located alongside our product description. This will help us understand your requirements and improve our offers accordingly.



**Download Product Details**

**Download PDF**

**The Instrument Not Listed?**

**Register Request**

Our team is dedicated to carefully evaluating instrument requests. We will assess the need for these instruments by analyzing the response data and conducting statistical checks to validate the accuracy of the sentiment predictions generated by our models. Only those Instruments that meet our criteria will be added to our platform's portfolio. Please note that this evaluation process may take some time. And hence We encourage you to subscribe to our newsletter for timely updates on new portfolio additions, service enhancements, and improvements in our model accuracy – all designed to support your risk management efforts.