

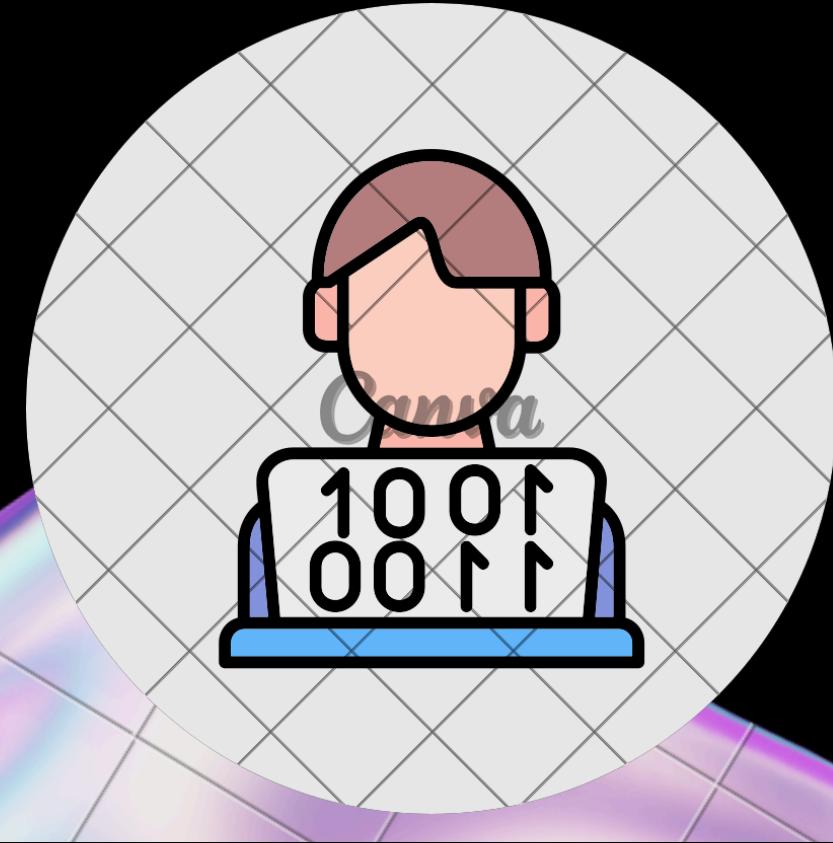


AUTOMATED MARKET ANALYSIS DISCORD BOT INTEGRATION WITH N8N

NEXT SLIDE



PRODUCT FUNCTION



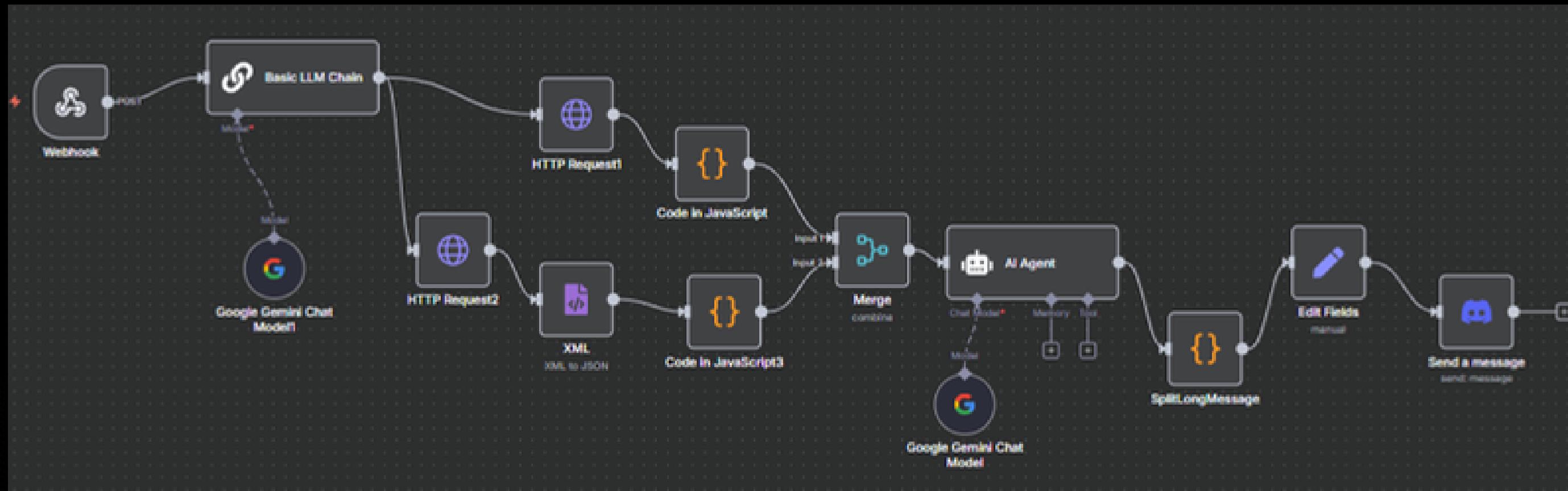
1. Sebagai Financial Data Assistant



2. Analisis market secara real-time
untuk komunitas investor/trader
di Discord



WORKFLOW



User input → LLM normalize/translate → Map nama → Buat HTTP request
→ Ambil data via JS → Merge → Kirim ke LLM buat insight → Kirim output hasil ke Discord

"CHATBOT INI BERPERAN SEBAGAI JEMBATAN ANTARA DATA FINANSIAL ONLINE DAN KOMUNIKASI PENGGUNA DI DISCORD."





STUDY CASE 1

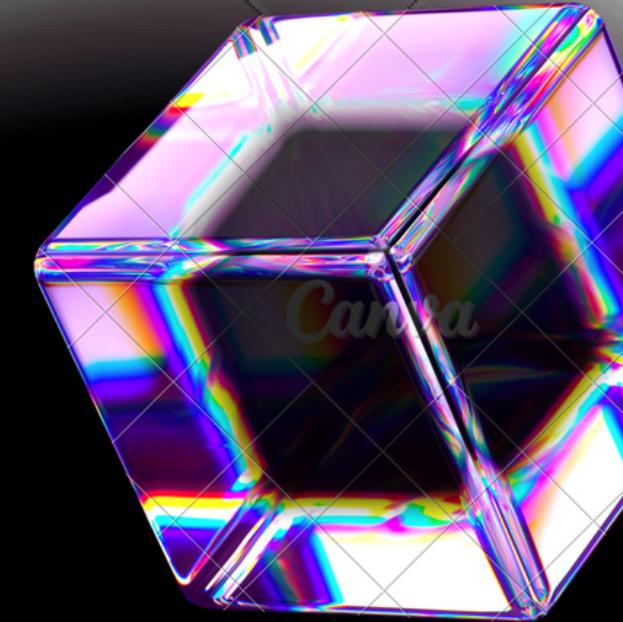
- **Nama:** Ciak
- **Usia:** 20 tahun
- **Pekerjaan:** Mahasiswa Informatika -> Hobi crypto trading

- **Latar Belakang:**

Ciak aktif di komunitas Discord yang sering membahas aset kripto. Ia suka mengikuti pergerakan harga Bitcoin setiap hari, tapi tidak selalu punya waktu untuk membuka banyak situs market seperti YahooFinance atau membaca berita ataupun grafik teknikal secara manual.

- **User Story:**

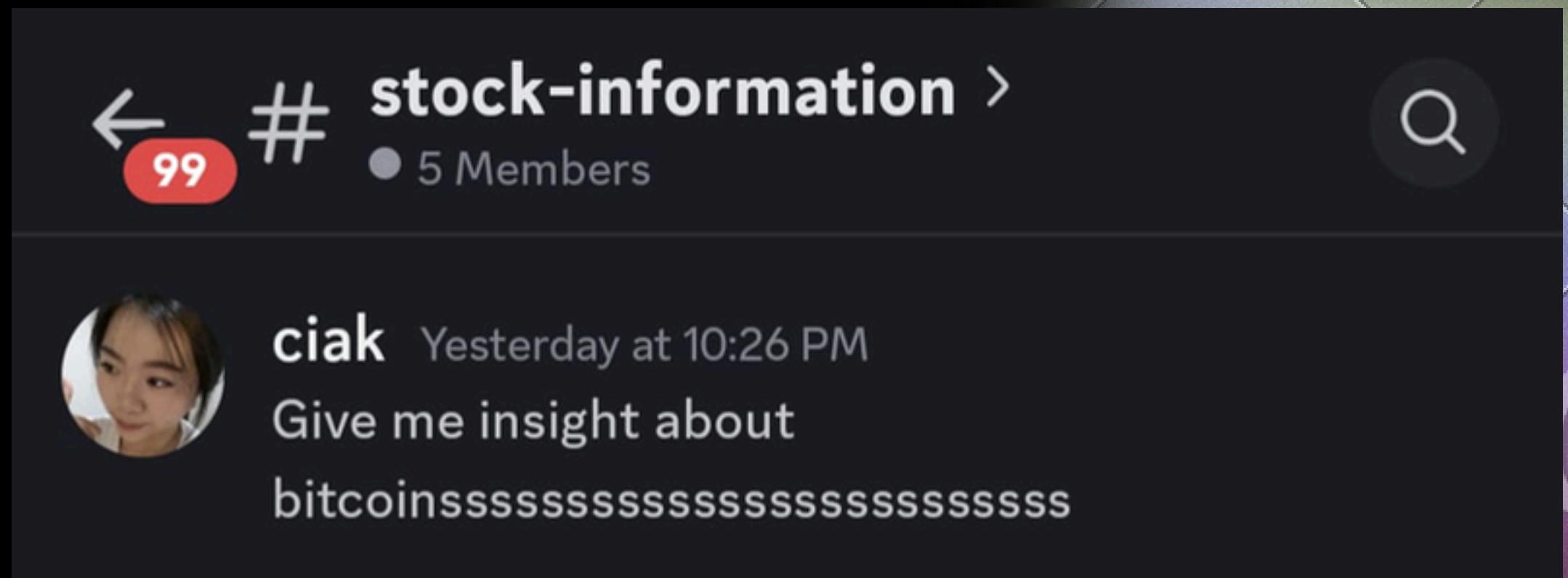
Sebagai seorang penggemar kripto, Ciak ingin melihat performa pasar Bitcoin secara cepat langsung dari Discord, agar ia bisa berdiskusi dan mengambil keputusan investasi tanpa perlu keluar dari platform chat.





IMPLEMENTASI 1

INPUT





IMPLEMENTASI 1

OUTPUT

 n8n bot APP Yesterday at 10:26 PM

Here's an analysis of the provided data:

1. General Market Sentiment:
 - Neutral to Cautiously Negative
 - The market is grappling with significant fallout from recent geopolitical events, including a massive crypto sell-off and liquidations. While there are strong underlying positive indicators like institutional inflows and new ETP access, the immediate impact of the "largest liquidation event in crypto history" and a stablecoin de-peg signals heightened risk aversion and uncertainty. BTC's current price shows some recovery from its lows, but the sentiment remains fragile.

2. Short-Term Trend (Next 7 Days)
 - Sideways with Volatility
 - Following a substantial liquidation event triggered by macro factors, the market is likely to experience a period of consolidation. The tug-of-war between ongoing geopolitical concerns and persistent institutional interest suggests prices may trade within a range, potentially retesting recent lows or attempting to stabilize, rather than embarking on a clear directional move.



IMPLEMENTASI 1

OUTPUT

3. Key Factors Influencing This Trend

- **Geopolitical / Macroeconomic Tensions:**
President Trump's escalated trade war rhetoric, specifically the threat of 100% tariffs on China, was the primary catalyst for the recent broad market downturn ("Trump's new 100% tariffs on China triggered an \$18 billion crypto sell-off", "Bitcoin extends decline to \$104,782 as Trump escalates US-China trade war"). Continued uncertainty here will influence risk appetite.
- **Crypto Market Liquidation and Stability Concerns:** The sheer scale of liquidations across the crypto market and the brief de-peging of a major stablecoin highlight systemic stress and can erode investor confidence in the short term ("Crypto Sees More Than \$6 Billion in Liquidations", "Third-Largest Stablecoin Briefly Loses Dollar Peg in Crypto Rout").

○ Institutional Adoption and Capital Inflows:

Despite the recent turmoil, significant institutional interest, evidenced by substantial ETF inflows and new market access in regions like the UK, provides a crucial underlying demand which could mitigate further downside and support price recovery long-term ("Bitcoin ETFs Cross \$5B in Inflows, Analysts Eye \$150K BTC Price", "UK Finally Opens Crypto ETPs to the Public After Long Ban").

Overall, the crypto market is navigating significant geopolitical-induced volatility, with strong institutional interest potentially mitigating further downside after a sharp correction.

Canva



STUDY CASE 2

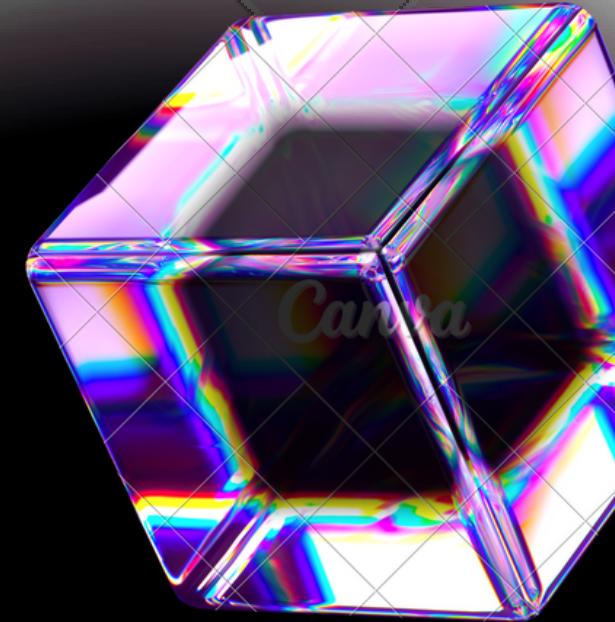
- **Nama:** Zuka Arimoto
- **Usia:** 28 tahun
- **Pekerjaan:** Analis keuangan junior di perusahaan investasi lokal

- **Latar Belakang:**

Zuka bertugas memantau saham-saham besar di sektor perbankan setiap hari. Ia dan timnya menggunakan Discord untuk koordinasi cepat, dan membutuhkan cara otomatis untuk mendapatkan ringkasan performa saham BBCA setiap pagi.

- **User Story:**

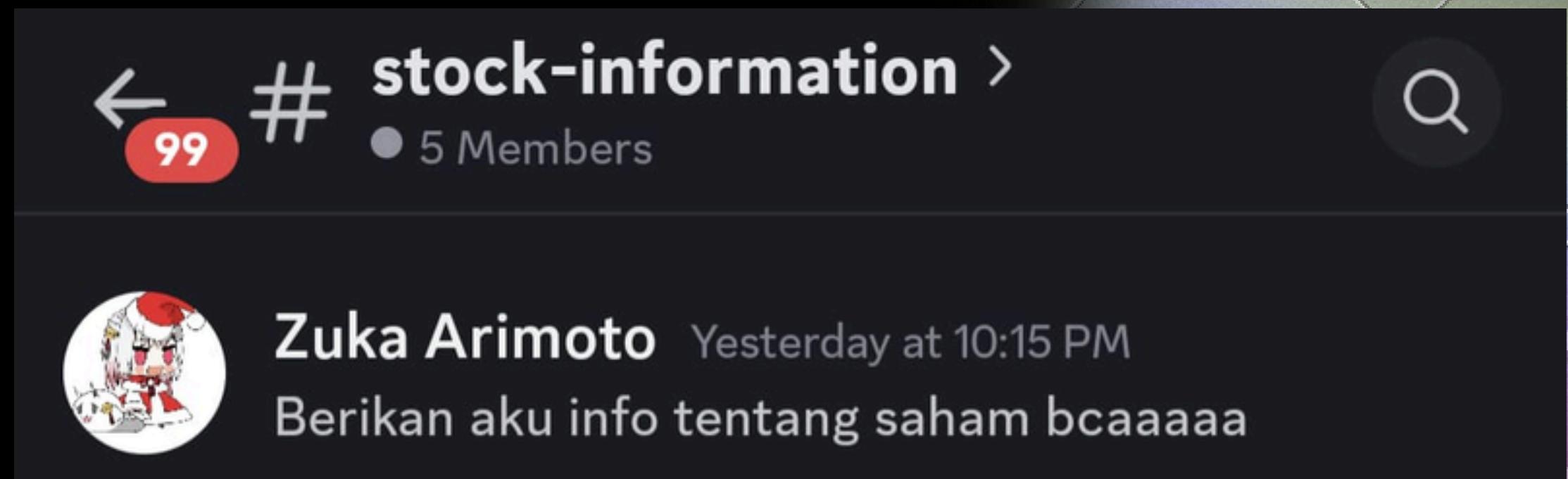
Sebagai seorang analis keuangan, Rani ingin mendapatkan data dan insight saham BBCA secara otomatis di Discord, agar ia bisa menyusun laporan harian lebih efisien dan menghemat waktu riset manual.





IMPLEMENTASI 2

INPUT





IMPLEMENTASI 2

OUTPUT

The screenshot shows a Slack interface. At the top, it says '# stock-information >'. Below that, there's a red notification bubble with '99' and a blue profile icon for 'n8n bot APP'. The message reads: 'Yesterday at 10:20 PM Here's an analysis of BBCA.JK based on the provided data:'

1. General Market Sentiment

- Positive. The news of PT Bank Central Asia Tbk (BCA) securing a substantial IDR 5.5 trillion corporate facility indicates strong institutional confidence in the bank's financial stability and its ability to fund significant projects. This specific positive development outweighs the more general, nuanced reporting on ASEAN banks' climate action.

2. Short-Term Trend (Next 7 Days)
 - Up. The announcement of a major financing deal provided by BCA is a direct positive catalyst that is likely to boost investor confidence and could lead to an upward movement in the stock price.
 3. Key Factors Influencing This Trend
 - Substantial Corporate Facility: BCA's successful close of an IDR 5.5 trillion (USD 325 million) corporate facility for Digital Edge demonstrates its robust lending capacity and pivotal role in financing significant regional expansion projects. This reflects positively on BCA's financial strength and market leadership. (Headline: Digital Edge Secures Financing to Continue Expansion in Indonesia)
- **Sectoral ESG Progress (Mitigated Risk):** While the report notes "gaps remain," it also highlights "measurable progress" by ASEAN banks, including an increase in long-term net-zero goals. This suggests that major banks like BCA are incrementally aligning with evolving environmental standards, which can positively influence long-term investor perception by mitigating future ESG-related risks. (Headline: ASEAN Banks Make Progress on Climate Action but Gaps Remain, ARE Report Reveals)

Overall, sentiment for BBCA.JK is cautiously bullish this week.



KENAPA HARUS BOT INI?

- Mempermudah akses data pasar tanpa perlu membuka browser
- Mempersingkat waktu riset sederhana (cek harga, baca headline penting)
- Bisa dikembangkan untuk insight lanjutan (analisis sentimen, rekomendasi, dll)



GENERATIVE AI

**THANK
YOU!**