

Stock Market Trader

- Following real-time Stock Prices
- Understanding/interpreting international Economic & Political Trends
- Buys or sells based on Experiences and Forecasts



Welcome AI Trader

- Continuously monitors actual Stock market Prices.
- Analyses News, economic Data, company Performance, and other Factors that can influence stock Prices.
- Decides which Stocks to buy or sell based on its Analysis and Reasoning.
- Monitors round the Clock, 24/7, 365 Days.



AI Trader

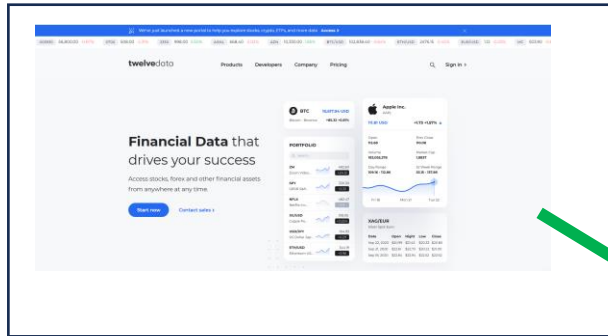
Agentic AI and AI Agents (AI Trader)

- AI Agents act Autonomously without Human Intervention
- AI Agents reason based on the AI Model they were provided (***however***)
 - AI Models Knowledge is limited to the Content they were trained on
 - AI Models not aware of real-time Data
- AI Agents are provided Tools... (**the solution**)
 - Tools: **Fetch** real-time Data to Augment the AI Model's Knowledge
 - Tools: **Act...**
 - Send Notifications (mail, WhatsApp, Teams,...)
 - Change DB content, add Orders, update Records ...
 - Generate Statistics
 - More and More...

Welcome AI Trader

1. For every record on your Stock Wallet...
2. Fetch real-time stock prices from www.twelvedata.com
3. Fetch economic trends from www.tradingeconomics.com
4. **Reasoning...**
5. Update the stock records on cloud Database
6. Send out WhatsApp notifications on unexpected price Rise or Fall

Twelvedata.com Financial Assets



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Prompt

For each stock record incrementally buy or sell stocks on my wallet given actual prices and economic trends and notify when price deviates thresholds....

tradingeconomics.com Economic Trends



3



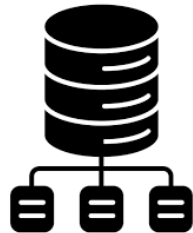
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AI MODEL

AI Agent

1

5



Stock Wallet Database

6



I work

- 24/7
- 365 days a year
- each minute
- configurable scheduling interval



Why AI Trader

- Works round the clock, 24/7, 365 days
- Access to most actual real-time Stock prices and other Financial Assets
- Access to world-wide economic Trends that impact Stock Markets
- Forecasts on Historical and Real-Time Financial and Economic Trends
- Buys & Sells stocks based on its Reasoning considering Real-Time Facts.
- Notifies when Prices fall below Predefined and Configured Thresholds
- Generates periodical Statistics and Charts on Stock Inventory history

Why this Use Case

- No intention to bring a new Product
- Focus on showcasing Technologies...
 - Spring AI
 - MS Azure AI Foundry
 - Azure DevOps
 - Terraform
 - Gradle
 - HELM
 - ...