Stock Market Trader

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

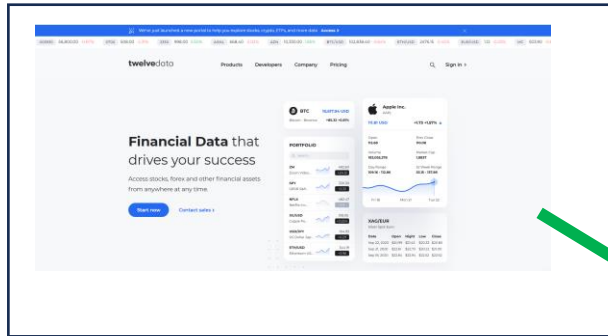# Farewell Trader, Welcome AI Trader

AI Trader

Agentic AI and AI Agents

- 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

Twelvedata.com Financial Assets

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

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….

AI MODEL

AI Agent

tradingeconomics.com Economic Trends

Stock Wallet Database

I work ….
- 24/7
- 365 days a year
- each minute
- configurable scheduling interval

WhatsApp

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
    - …