

DEXY BOT

BY TEAM VIN ROUGE

Built at ETHDenver 2025 | DeFi Track

DEXY BOT

Blending On- & Off-Chain
Intelligence for Next-Gen
Crypto Trading and Risk
Management.

*TG Bot (live with Base
AgentKit):*

@BaseDexyBot



DEXY BOT
BY VIN ROUGE



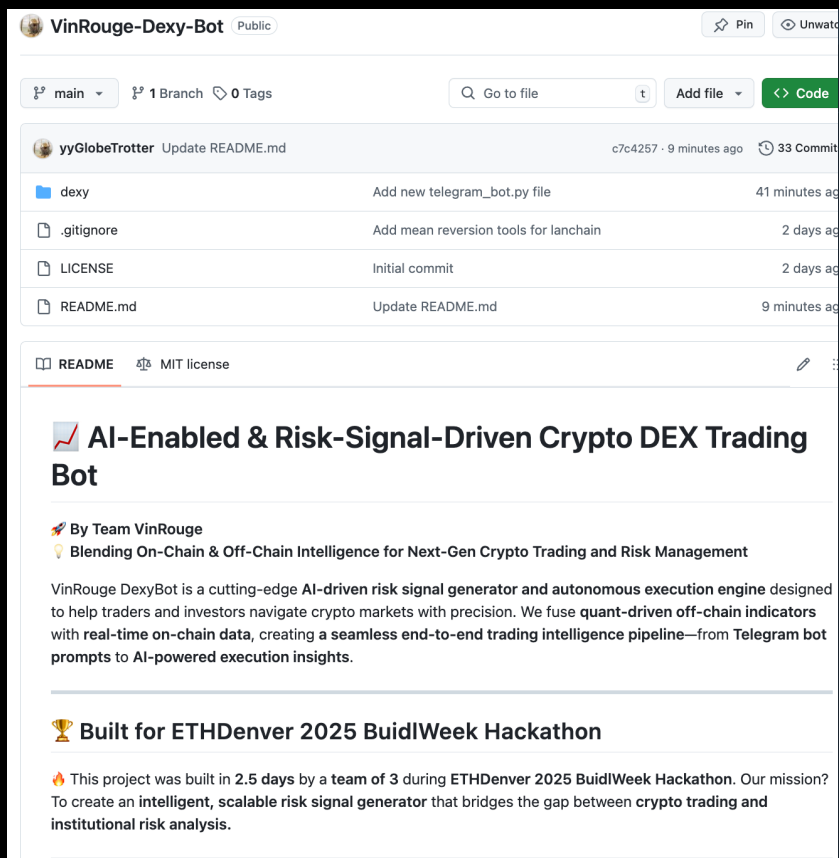
PROBLEM STATEMENT

- Crypto traders lack automated risk management tools
- On-chain investors struggle with timely portfolio rebalance
- Yield farmers & leveraged traders need adaptive risk exposure
- Crypto-novice investors require easy risk-adjustment solutions

SOLUTION: AI-ENABLED & RISK-DRIVEN TRADING BOT

- Cutting-edge AI-driven risk signal generator
- Autonomous crypto trading execution engine
- Quant-driven off-chain indicators + real-time on-chain risk signals
- Leverages Base's AgentKit for on-chain execution
- Live TG bot for real-time portfolio rebalancing & risk adjustment

BUIDLER/USER EXPERIENCE



VinRouge-Dexy-Bot (Public)

main 1 Branch 0 Tags

Go to file Add file Code

File	Commit	Time
dexy	Add new telegram_bot.py file	41 minutes ago
.gitignore	Add mean reversion tools for lanchain	2 days ago
LICENSE	Initial commit	2 days ago
README.md	Update README.md	9 minutes ago

README MIT license

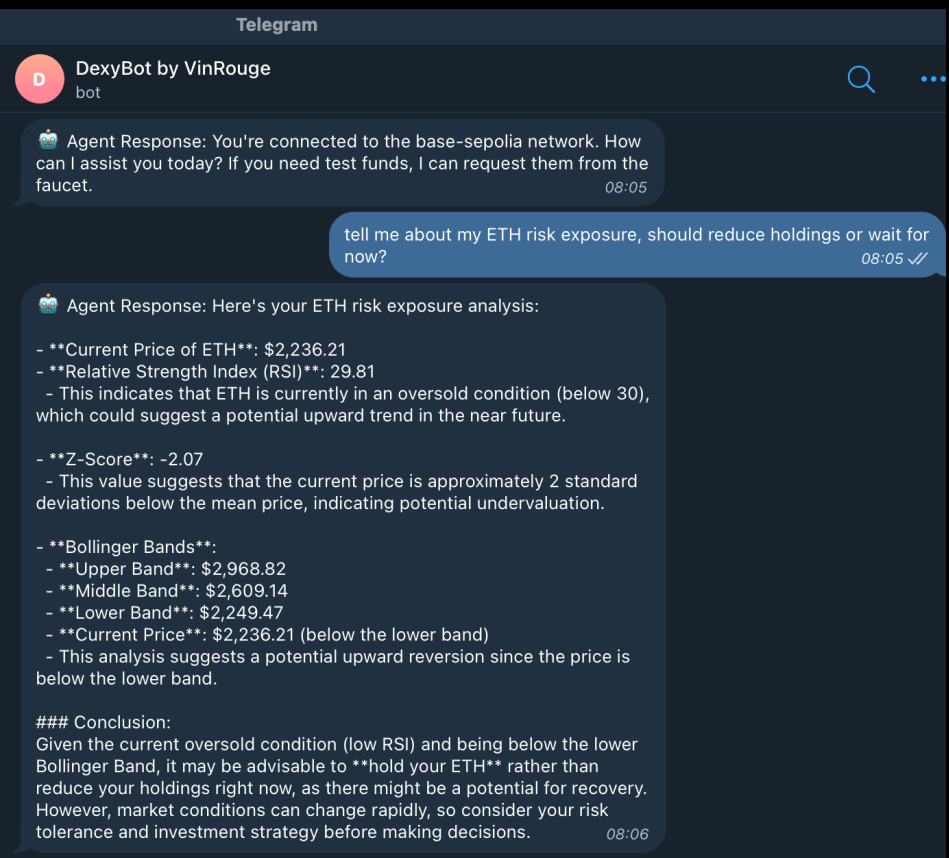
AI-Enabled & Risk-Signal-Driven Crypto DEX Trading Bot

By Team VinRouge
Blending On-Chain & Off-Chain Intelligence for Next-Gen Crypto Trading and Risk Management

VinRouge DexyBot is a cutting-edge AI-driven risk signal generator and autonomous execution engine designed to help traders and investors navigate crypto markets with precision. We fuse quant-driven off-chain indicators with real-time on-chain data, creating a seamless end-to-end trading intelligence pipeline—from Telegram bot prompts to AI-powered execution insights.

Built for ETHDenver 2025 BuidlWeek Hackathon

This project was built in 2.5 days by a team of 3 during ETHDenver 2025 BuidlWeek Hackathon. Our mission? To create an intelligent, scalable risk signal generator that bridges the gap between crypto trading and institutional risk analysis.



DexyBot by VinRouge bot

Agent Response: You're connected to the base-sepolia network. How can I assist you today? If you need test funds, I can request them from the faucet. 08:05

tell me about my ETH risk exposure, should reduce holdings or wait for now? 08:05 ✓

Agent Response: Here's your ETH risk exposure analysis:

- **Current Price of ETH**: \$2,236.21
- **Relative Strength Index (RSI)**: 29.81
 - This indicates that ETH is currently in an oversold condition (below 30), which could suggest a potential upward trend in the near future.
- **Z-Score**: -2.07
 - This value suggests that the current price is approximately 2 standard deviations below the mean price, indicating potential undervaluation.
- **Bollinger Bands**:
 - **Upper Band**: \$2,968.82
 - **Middle Band**: \$2,609.14
 - **Lower Band**: \$2,249.47
 - **Current Price**: \$2,236.21 (below the lower band)
 - This analysis suggests a potential upward reversion since the price is below the lower band.

Conclusion:
Given the current oversold condition (low RSI) and being below the lower Bollinger Band, it may be advisable to **hold your ETH** rather than reduce your holdings right now, as there might be a potential for recovery. However, market conditions can change rapidly, so consider your risk tolerance and investment strategy before making decisions. 08:06



HOW IT WORKS

1. User initiates a Prompt via Telegram bot
2. AI agent fetches multi-layered trading & risk signals from our proprietary analytical engine
3. DexyBot generates smart recommendations (e.g., reduce exposure immediately if high risk signal received)...
4. Or even executes trades autonomously on-chain based on pre-defined user risk profile



THE RESULT

A seamless end-to-end **trading intelligence pipeline**—from Telegram bot prompts to AI-powered execution insights and actions

POC TECHNOLOGY STACK

- AI & ML: Z-score, RSI, SMA, Bollinger Bands
- Onchain Data: Whale transactions, BTC dominance
- Execution: Base AgentKit (autonomous trade execution)
- Smart Wallet for automated fund management
- Telegram Bot: Next gen user interface
- Speed Optimized for Real-time Decisions
- Scalable to CEX & DEX Integrations
- Secure & Resilient Infrastructure

FUTURE ROADMAP

- Advanced Quant Research & AI Methodologies
- On-Chain Data Deep Dive
- Robust Market Data Expansion
- Institutional-Grade Risk Metrics and dashboards
- Beyond Signals – AI Execution Strategies

The Sky's the Limit

We're building **DexyBot** by **Vin Rouge** to be the **ultimate trading co-pilot**—an AI powerhouse for both on-chain and off-chain traders.

REPO, DEMO & USE CASE

- **Github Repo:** [VinRouge Dexy Bot](#)
- Watch our AI trading bot in action:
 - **TG** @BaseDexyBot
- **[Youtube Demo Video Link](#)**
- **[Devfolio Repo: VinRouge Dexy Bot](#)**

WHAT PRIZE WE AIM TO WIN & WHY US

- ✓ **DeFi 2.0:** Advanced risk management for traders & investors
- ✓ **Base AgentKit Prize:** Fully autonomous trading execution on Base
- ✓ **Base Bounty:** Open-source, deployed on Base, fully onchain

** Innovative AI Agent that abstracts crypto complexities*

** Consumer-friendly UX & solves real-world trading pain points*

NEXT STEPS & CALL TO ACTION

- Test our trading bot prototype
- Collaborate & refine AI trading signals
- Scale to more DeFi protocols
- Seeking feedback & potential partnerships!
- Team VinRouge on TG:

@Dolce0xVita
@Louis_yellow
@mitch0x