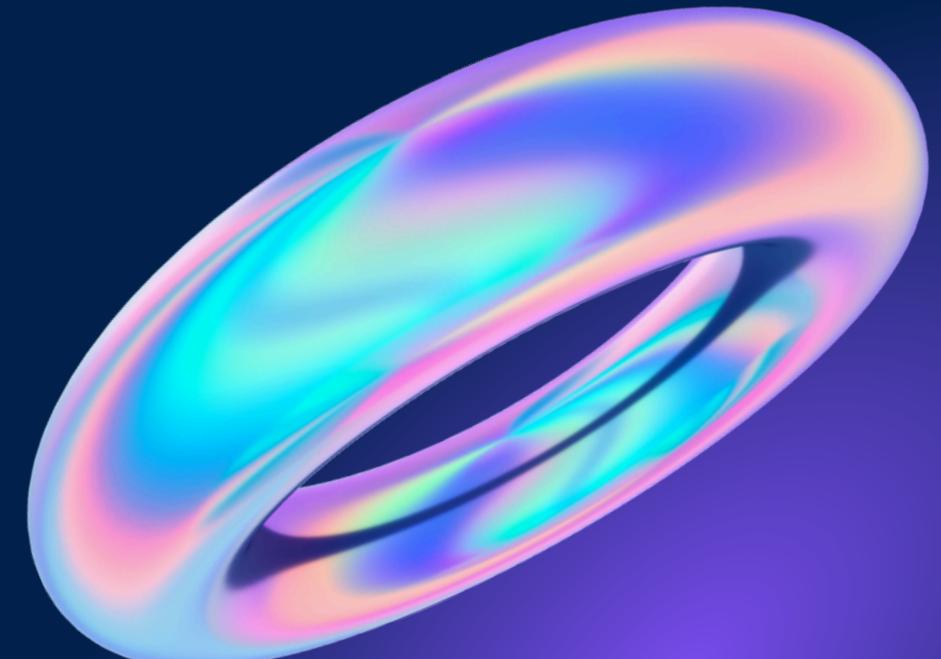




Trade.AI

An AI-Driven Trading Platform

Predict. Analyze. Trade.





Team: CryptoBulls

We build software that empowers organizations to effectively integrate their data, decisions, and operations.



About Us

4 Engineers on the quest to solve a problem by creating a perfect Quant and trade efficiently and safely

Devesh Mamadapur
Punith Kumar B

Bilal Ahmed NK
Adrian Ronan das

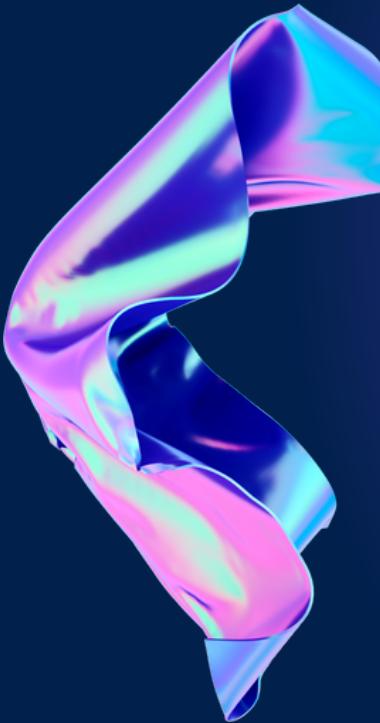
Market Overview Total Global Trading Ecosystem Value



17.1%
Market Growth Rate



\$112.83 Trillion
Market Size



24%
Growth for 2024

Problem Statement

Challenges in Traditional Trading Platforms:

- High volatility in memecoins and cryptocurrencies complicates accurate predictions.
- Many platforms lack the incorporation of Artificial Intelligence (AI) and Machine Learning (ML) for predictive analytics, leaving traders without sophisticated tools for decision-making.
- Absence of platforms combining AI insights with Web3 decentralized trading capabilities.
- Users often face complex interfaces, limited educational resources, and barriers to entry, especially in accessing diverse markets like cryptocurrencies and memecoins.

Proposed Solution

AI-Powered Predictive Analytics:

- Utilize machine learning algorithms to analyze market data and forecast trends with higher accuracy.

Integration with Web3 Technologies:

- Implement decentralized finance (DeFi) protocols and smart contracts to enable secure, transparent, and trustless transactions.

Unified Trading Platform:

- Offer a single interface for trading stocks, cryptocurrencies, and memecoins, enhancing user convenience.

Educational Resources and Tools:

- Provide tutorials, market analysis, and risk assessment tools to empower users with varying levels of experience.

Key Features

Real-Time Data Aggregation:

- Collect and process live data from multiple sources, including financial news, social media sentiment, and market indicators.

Customizable Alerts and Notifications:

- Enable users to set personalized alerts for market movements, news updates, and trading signals.

Secure Wallet Integration:

- Allow users to connect their digital wallets securely for seamless cryptocurrency transactions.

Advanced Charting and Analysis Tools:

- Provide interactive charts, technical indicators, and analytical tools to support informed trading decisions.
- compliance checker for crypto since there are lot of legalities with it in different countries and risk meter for all the entity

Unique Differentiators:

1. **Secure Privatized blockchain** – Our inbuilt blockchain model is integrated with the user UI for seamless and ultra-secure persistent storage for authentication and storage.
 - Generates verification hash using SHA-256 over mined hash + user token for dual-factor block validation.
 - generating tokens and mining blocks based on the transactions added.
 - Secures transactions through nonce-based proof-of-work with adjustable mining difficulty
2. **Output: A “Pump Probability %” for meme coins**
3. **AI-Powered FOMO Prediction Model** – Predicts which memecoins/stocks are likely to go viral before they do, using:
 - 90–92% accuracy via LSTM on price, volume, and momentum data.
 - FinBERT + data sentiment fusion from X/Twitter.
 - Risk scored using volatility clusters and Sharpe ratio.
 - Live charts with Plotly/Seaborn: growth, sentiment, candles.
 - Buy/sell signals via NLP + technical ML ensemble.
4. **It's gamified, but insightful.**
5. **Memecoin Launch Detector** – Automatically detects new memecoins (on Solana, Ethereum, BSC) and assigns a risk rating + potential for virality using AI. Helps users enter early.

Technical Architecture

Components Overview:

- **Frontend:** Developed using HTML, CSS, JS for a responsive user interface.
- **Backend:** Powered by JS and Python to handle data processing and AI computations.
- **Machine Learning Models:** Implemented using TensorFlow for predictive analytics.
- **Blockchain Integration:** Smart contracts developed in Solidity, deployed on the Ethereum network.

Competitive Analysis

Traditional Platforms:

- Often focus solely on either stocks or cryptocurrencies, lacking a unified trading experience.

Emerging Competitors:

- Some platforms are beginning to integrate AI or DeFi elements but may not offer a comprehensive solution encompassing all asset classes.

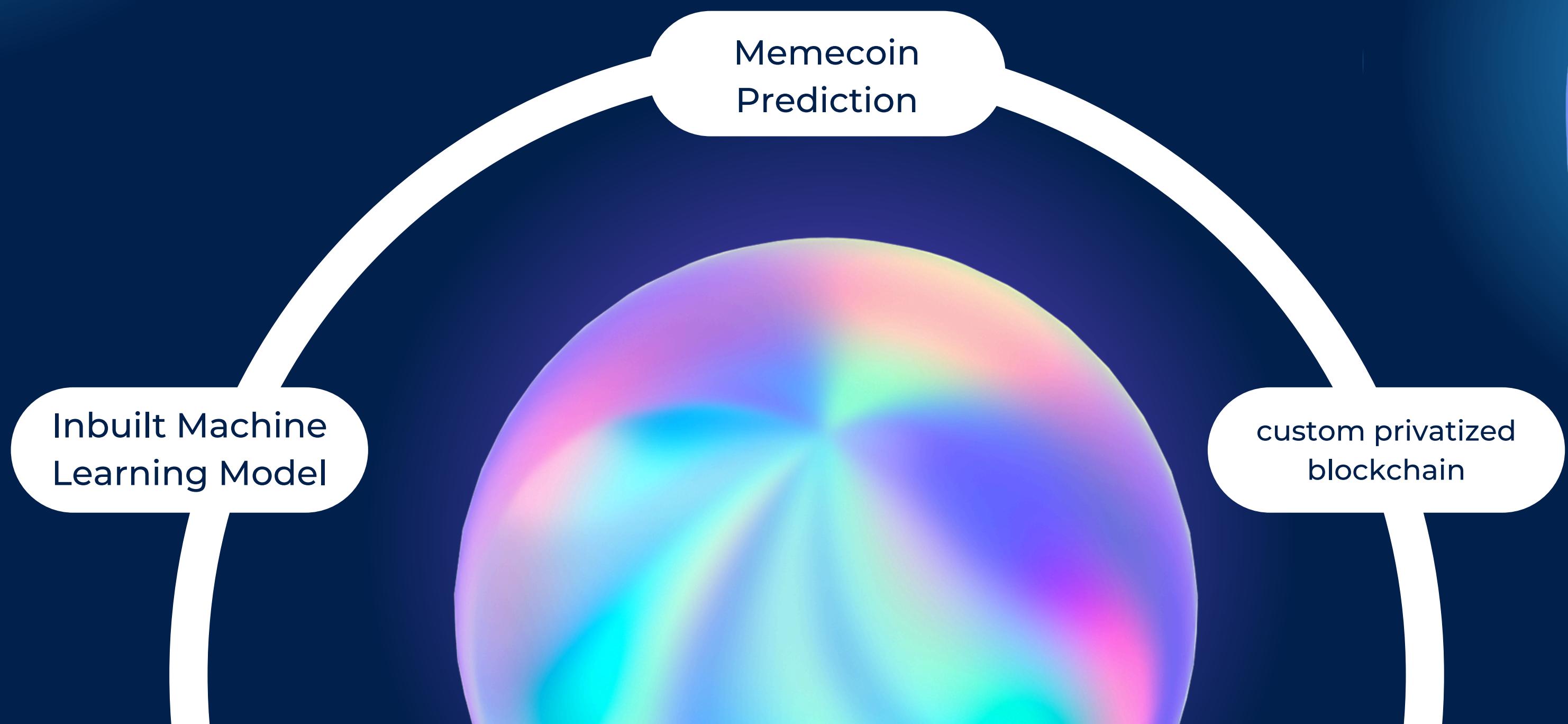
Our Unique Proposition:

- Combines AI-driven insights with decentralized trading across multiple asset types, filling a gap in the current market landscape.

Barriers to Entry:

- High technological and regulatory hurdles deter new entrants, positioning our platform advantageously with its advanced features and compliance strategies.

Key Differentiator





**With good data and the right
technology, people and
institutions today can still
solve hard problems and change
the world for the better.**

Thank You

