AI Trading Platform

Market Opportunity

Algorithmic Trading Market

$31.5B

Projected market size by 2028

12.7%

Annual growth rate (CAGR)

Key Market Trends

› Democratization of trading technology

› Rapid AI adoption in financial services

› Exponential growth in market data volume

› Shift toward remote digital trading platforms

Algorithmic Trading Market Growth

Algorithmic Trading Market Size (Billions USD)

AI Adoption in Financial Services

Financial Firms Investing in AI (%)
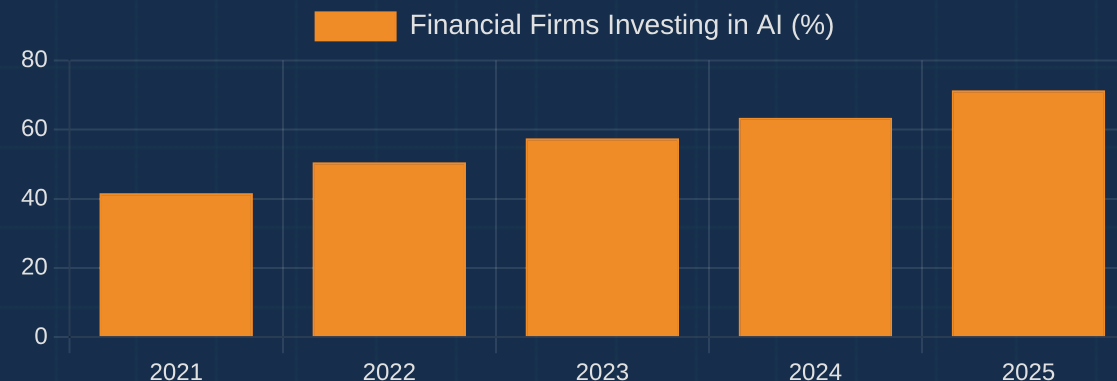
Problem & Solution

Key Challenges for Traders

⚠ Complexity Barrier
Advanced trading strategies require programming expertise and deep financial knowledge, limiting access for most traders.

⚠ Data Overload
Traders struggle to process the exponentially growing volume of market data and identify actionable insights.

⚠ Emotional Trading
Human emotions lead to impulsive decisions, deviations from strategy, and poor risk management.

⚠ Limited Backtesting
Retail traders lack access to institutional-grade backtesting tools that accurately model market conditions.

Our Platform Solutions

✓ Visual Strategy Builder
Intuitive interface allows traders to create sophisticated strategies without coding, democratizing advanced trading techniques.

✓ AI-Powered Analysis
Machine learning models process vast amounts of market data to identify patterns and generate actionable trading signals.

✓ Automated Execution
Rule-based and AI-driven execution removes emotional bias and ensures consistent strategy implementation.

✓ Comprehensive Backtesting
Institutional-grade backtesting with accurate modeling of transaction costs, slippage, and market impact.

Our Value Proposition

Democratizing sophisticated trading capabilities previously available only to institutions, enabling traders of all levels to leverage AI for better trading decisions.

Platform Overview

The AI Advantage

Our AI Technology Stack

📈 Supervised Learning Models

LSTM and GRU neural networks trained on historical market data to predict price movements and identify trading opportunities with up to 68% directional accuracy.

🤖 Reinforcement Learning Agents

DQN agents that learn optimal trading strategies through market interaction, with planned expansion to PPO and SAC algorithms for enhanced performance in volatile markets.

💬 Natural Language Processing

Advanced NLP models power our context-aware chatbot assistant, providing personalized guidance and translating complex financial concepts into actionable insights.

🧠 Hybrid Intelligence System

Our proprietary system combines multiple AI approaches with traditional technical analysis, creating strategies that leverage the strengths of each methodology.

AI Performance Advantage

Performance Comparison (Backtest Results)

■ Traditional Strategies ■ AI-Enhanced Strategies

Annual Return   Sharpe Ratio   Max Drawdown   Win Rate
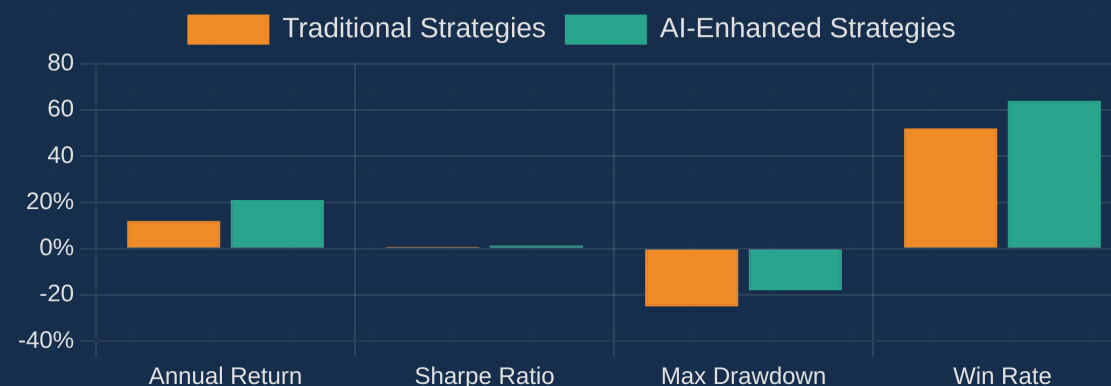
Key Differentiators

✓ Transparent AI

Our models explain recommendations rather than operating as black boxes, building user trust.

✓ Continuous Learning

Models improve with platform usage and new market data, adapting to changing conditions.

✓ Multi-Model Integration

Different AI models work in concert, providing more robust analysis than single-model approaches.

✓ Customizable AI

Users can adjust AI parameters to match their trading style and risk tolerance.

Business Model

Subscription Tiers

Basic
$49/month

- ✓ Core platform access
- ✓ Limited strategy complexity
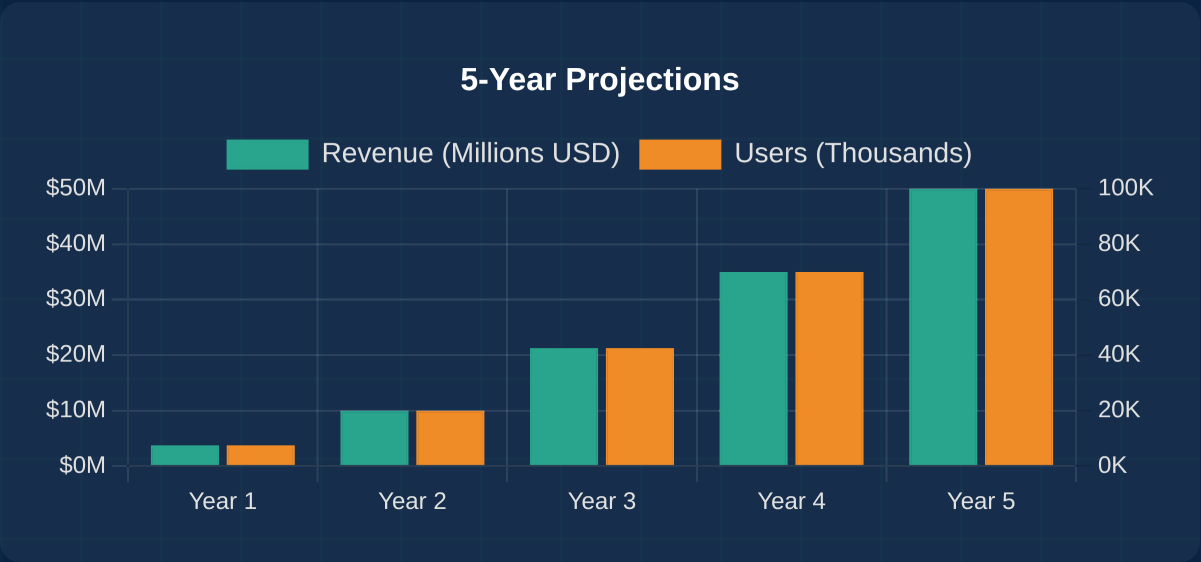- ✓ Standard data feeds
- ✓ Basic AI models

Professional
$149/month

- ✓ Full platform access
- ✓ Advanced AI models
- ✓ Premium data feeds
- ✓ Priority support

Institutional
$499+/month

- ✓ Enterprise features
- ✓ API access
- ✓ Custom model support
- ✓ Dedicated resources

Financial Projections

5-Year Projections

Revenue (Millions USD) ■   Users (Thousands) ■

Additional Revenue Streams

Premium Data
Specialized market data and alternative data feeds

Educational Content
Advanced courses and strategy templates

API Access
Programmatic access for algorithmic trading

White-Label Solutions
Customized platform for institutions

Market Expansion Strategy

1 Sophisticated Retail Traders
Initial focus on experienced individual traders seeking advanced tools
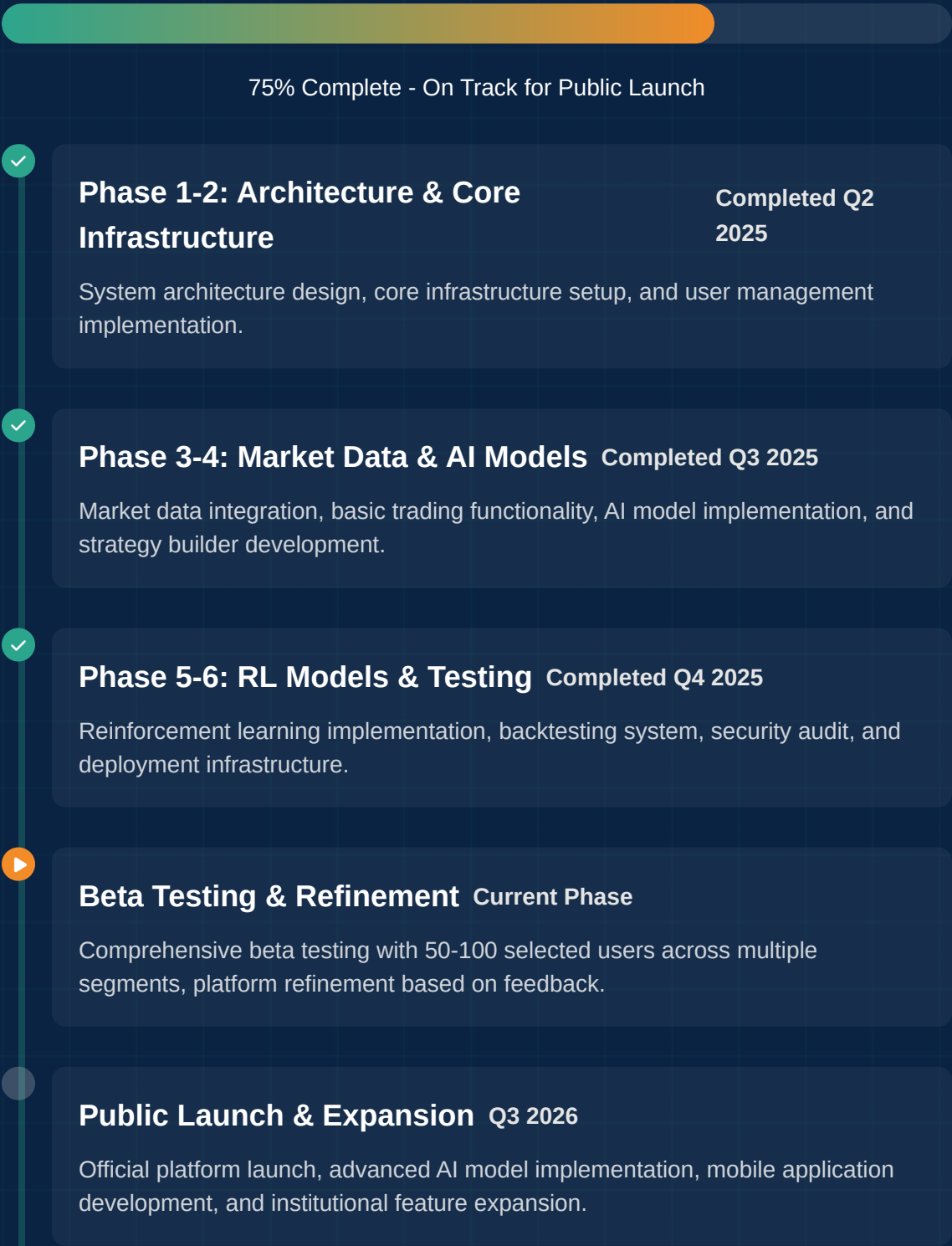
2 Financial Institutions
Expand to wealth management firms and investment advisors

3 White-Label Partners
Develop solutions for brokerages and financial advisors

4 International Markets
Expand globally with localized versions and regional data

Development Status

Development Timeline

75% Complete - On Track for Public Launch

✓ **Phase 1-2: Architecture & Core Infrastructure** **Completed Q2 2025**

System architecture design, core infrastructure setup, and user management implementation.

✓ **Phase 3-4: Market Data & AI Models** **Completed Q3 2025**

Market data integration, basic trading functionality, AI model implementation, and strategy builder development.

✓ **Phase 5-6: RL Models & Testing** **Completed Q4 2025**

Reinforcement learning implementation, backtesting system, security audit, and deployment infrastructure.

▶ **Beta Testing & Refinement** **Current Phase**

Comprehensive beta testing with 50-100 selected users across multiple segments, platform refinement based on feedback.

Public Launch & Expansion **Q3 2026**

Official platform launch, advanced AI model implementation, mobile application development, and institutional feature expansion.

Upcoming Milestones

Jan 2026   Beta Testing Launch
Initial beta release to selected testers with comprehensive feedback collection framework.

Apr 2026   Public Beta Release
Expanded beta access with refined features based on initial testing feedback.

Jul 2026   Official Platform Launch
Full public release with complete feature set and subscription model activation.

Q3 2026   Advanced AI Models (PPO/SAC)
Implementation of advanced reinforcement learning algorithms for enhanced performance.

Q4 2026   Mobile Application Release
Native mobile applications for iOS and Android with core platform functionality.

Q1 2027   Institutional Features Expansion
Enhanced enterprise capabilities and white-label solutions for financial institutions.

Our Team

Leadership Team

Advisory Board

RB   **Robert Blackwell**
Former CIO, Bridgewater Associates

SL   **Dr. Sarah Lin**
Professor of Finance, Harvard

TP   **Thomas Patel**
Founder, FinTech Ventures

EJ   **Elena Johnson**
Former SEC Commissioner

DM   **David Martinez**
CTO, Global Exchange Group

Team Expertise

Technical Expertise

Machine Learning

Reinforcement Learning   NLP

Cloud Architecture   Real-time Systems

Financial Expertise

Algorithmic Trading   Risk Management

Portfolio Optimization

Market Microstructure

18
Team Members

12
PhDs & Masters

85+
Years Combined Experience

Investment Opportunity

Investment Highlights

Market Timing
Entering a rapidly growing algorithmic trading market at an inflection point in AI adoption, with projected CAGR of 12.7% reaching $31.5B by 2028.

Proven Technology
Six completed development phases with working platform ready for beta testing. Proprietary AI models demonstrate significant performance advantages in backtesting.

Experienced Team
Leadership combining deep financial expertise with AI and technology backgrounds. 85+ years of combined experience in quantitative finance and machine learning.

Scalable Business Model
Subscription-based revenue with high margins and multiple expansion opportunities. Additional revenue streams from premium data, educational content, and white-label solutions.

Clear Exit Potential
Strategic acquisition target for financial institutions, trading platforms, or fintech leaders. Recent comparable acquisitions valued at 8-12x ARR.

Funding Request

$5 Million
Series A Funding

Use of Funds

- **40%** — Product Development
- **30%** — Marketing & User Acquisition
- **20%** — Team Expansion
- **10%** — Infrastructure & Operations
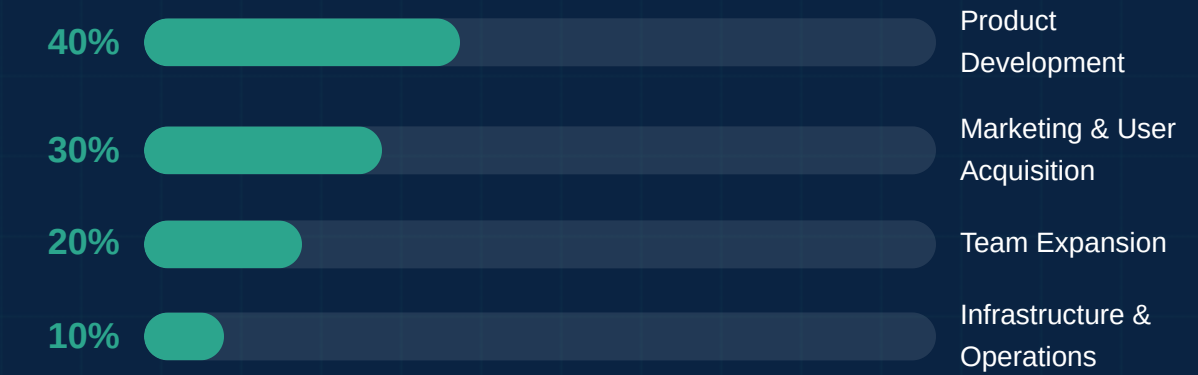
Key Financial Metrics

$3.75M	7,500
Projected Year 1 Revenue	Projected Year 1 Users

75%	18 Months
Gross Margin	Path to Profitability

Next Steps

90-Day Roadmap

Beta Launch
January 2026

Initial beta release to 50-100 selected testers with comprehensive feedback collection framework.

Feature Refinement
February 2026

Platform optimization based on initial beta feedback, with focus on UI/UX improvements and performance enhancements.

AI Enhancement
March 2026

Implementation of advanced AI model improvements and reinforcement learning optimizations based on real-world usage.

Public Beta
April 2026

Expanded beta access with refined features and improved performance metrics, preparing for full public launch.

Immediate Actions

Due Diligence

Schedule technical and financial due diligence sessions to review platform architecture, AI models, and financial projections in detail.

Platform Demo

Arrange live demonstration of the AI Trading Platform with hands-on exploration of key features and AI capabilities.

Term Sheet Discussion

Begin term sheet negotiations to establish investment structure, valuation, and governance framework.

Beta Tester Interviews

Arrange meetings with selected beta testers to provide direct feedback on platform experience and value proposition.

Key Milestones

Growth Trajectory

Legend: User Growth (Thousands) · Revenue ($ Thousands)

Left axis: 20K, 18K, 16K, 14K, 12K, 10K, 8K, 6K, 4K, 2K, 0K

Right axis: $1000K, $900K, $800K, $700K, $600K, $500K, $400K, $300K, $200K, $100K, $0K

X-axis: Q1 2026, Q2 2026, Q3 2026, Q4 2026, Q1 2027

Ready to Discuss Next Steps?

investor@aitradingplatform.com

Dr. Jennifer Davis, CEO & Co-Founder