

INCITE - Empowering Retail Investors with AI-Driven Trading Strategies

Putting It All Together – An Executive Summary

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TABLE OF CONTENTS

EXECUTIVE SUMMARY

COMPANY OVERVIEW

In a world where investment opportunities are increasingly democratized yet complex, 'Incite' emerges as a beacon for retail investors looking for sophisticated yet accessible trading strategies. This report presents a comprehensive overview of our groundbreaking project aimed at revolutionizing retail investing through automated, data-driven trading models. The project aligns with Incite's overarching mission: to level the investment playing field, providing Wall Street caliber tools to retail investors.

PURPOSE

The purpose of this executive summary is to provide a concise overview of the 'Incite' project, highlighting its key objectives, methodologies, and projected benefits. By outlining the project's scope, technical requirements, and limitations, stakeholders can gain a comprehensive understanding of the initiative's value and potential impact.

BACKGROUND & BUSINESS CASE

The financial market is an ecosystem rich with opportunities but often daunting for the average retail investor. Traditional methods of trading are plagued with inefficiencies, often resulting in suboptimal investment decisions. 'Incite' aims to resolve this gap by introducing a disruptive solution: an automated trading platform, powered by cutting-edge machine learning and AI algorithms.

PROJECT OBJECTIVES & KEY DELIVERABLES

The key goals of this project include:

- **Development of Automated Trading Models:** Utilizing various machine learning paradigms like supervised, unsupervised, and reinforcement learning to create robust trading algorithms.
- **User-Friendly Platform:** Enabling retail investors to automate their trading decisions via an intuitive, easy-to-use platform.
- **Comprehensive Documentation:** Providing detailed user guides and training materials to assist retail investors in maximizing the utility of our platform.

PROJECT SCOPE STATEMENT

The 'Incite' project scope encompasses the development, implementation, and deployment of automated trading models tailored for retail investors. The project also includes the creation of an intuitive user platform, designed to simplify the trading process for users with varying levels of expertise.

TECHNICAL REQUIREMENTS

The project's technical requirements include:

- Integration of multiple data sources for accurate market analysis.
- Utilization of machine learning and AI algorithms for model development and optimization.
- User-friendly platform design with interactive visualizations and real-time monitoring features.
- Compliance with industry norms and security standards through partnerships with reputable financial institutions

LIMITS AND EXCLUSIONS

It's important to note the following limits and exclusions of the project:

- The project does not provide financial advice; it offers automated trading tools based on data-driven models.
- The performance of trading models is subject to market conditions and cannot guarantee specific outcomes.
- The platform is designed for retail investors and may not cater to all types of investors or trading strategies.

COMMUNICATION PLAN

The table below represents the communication plan for the project. Effective communication with stakeholders is crucial for the success of the project. The stakeholder communication plan outlines the strategies and channels through which stakeholders will be engaged and informed throughout the project lifecycle. The plan ensures that stakeholders are kept informed about project progress, milestones, risks, and any necessary changes.

STAKEHOLDER	OBJECTIVE	CHANNELS	RESPONSIBLE
Executive Management	Provide project updates and milestones	Project Status Meetings	Project Manager, Project Team
	Share risks, changes, and mitigation strategies	Email Communication	
	Seek input and feedback	Stakeholder Updates (Reports)	
Project Team Members	Share project progress and achievements	Project Status Meetings	Project Manager, Project Team
	Discuss challenges and upcoming milestones	Email Communication	
	Seek input and feedback	Project Website/Portal	
Retail Investors	Provide updates on project progress and milestones	Email Communication	Project Manager, Project Team
	Inform about changes and new features	Stakeholder Updates (Reports)	
	Gather feedback and suggestions	Project Website/Portal	
Financial Institutions & Custodial Partners	Share project updates and milestones	Project Status Meetings	Project Manager, Partners Team
	Discuss compliance requirements and support needed	Email Communication	
	Coordinate integration and regulatory activities	Stakeholder Updates (Reports)	
Regulatory Authorities	Provide updates on compliance measures and progress	Project Status Meetings	Project Manager, Compliance Team
	Address regulatory concerns and inquiries	Email Communication	
	Seek input and feedback	Stakeholder Updates (Reports)	
Business Development (BD) & Marketing	Share project updates and milestones	Email Communication	Project Manager, BD Team
	Seek input and feedback for marketing strategies	Stakeholder Updates (Reports)	
	Coordinate marketing and promotional activities	Project Website/Portal	

PROJECT BUDGET

Budget Allocation and Expenditure Tracking

- The total project budget is estimated at \$350,000.
- Budget allocation will be distributed across the different project phases as follows:
 - PHASE 1: Research and Data Collection - 14%
 - PHASE 2: Algorithm Development and Testing - 23%
 - PHASE 3: Platform Development and Integration - 43%
 - PHASE 4: User Testing and Refinement - 11%
 - PHASE 5: Deployment and Launch - 9%
- Expenditure tracking will be monitored and documented through regular financial reports and expense tracking tools. The project manager and finance team will be responsible for tracking expenses, ensuring adherence to the budget, and providing updates to stakeholders, as necessary. Any deviations from the budget will be analyzed, and adjustments will be made to maintain financial control and optimize resource allocation throughout the project.

WBS ID	TASK DESCRIPTION	TOTAL COSTS
PHASE 1: RESEARCH AND DATA COLLECTION		\$50,000
1.1	Data acquisition tools	\$10,000
1.2	Research resources	\$20,000
1.3	Data preprocessing and cleaning	\$10,000
1.4	Personnel costs	\$10,000
PHASE 2: ALGORITHM DEVELOPMENT AND TESTING		\$80,000
2.1	Algorithm development tools and software	\$20,000
2.2	Data analysis and modeling	\$30,000
2.3	Algorithm testing and validation	\$20,000
2.4	Personnel costs	\$10,000
PHASE 3: PLATEFORM DEVELOPMENT AND INTEGRATION		\$150,000
3.1	Platform development and coding	\$80,000
3.2	user interface design and experience	\$30,000
3.3	third-party integrations	\$20,000
3.4	Personnel costs	\$10,000
PHASE 4: USER TESTING AND REFINEMENT		\$30,000
4.1	User testing and feedback collection	\$20,000
4.2	Platform refinements based on user feedback	\$10,000
4.3	Personnel costs	\$10,000
PHASE 5: DEPLOYMENT AND LAUNCH		\$30,000
5.1	Deployment infrastructure	\$10,000
5.2	Marketing and promotional activities	\$20,000
5.3	Personnel costs	\$10,000

METHODOLOGY

Data Collection and Analysis

The cornerstone of our project lies in the quality of data gathered and analyzed. We have integrated multiple data sources, including market APIs, financial databases, and news feeds, to provide a holistic view of the market. Sophisticated data preprocessing and analytical methods have been employed to ensure reliability and accuracy in trading signals.

Machine Learning and AI Integration:

Our algorithms form the core of our trading models. Through feature engineering, model training, and regular optimization, we have developed a robust system that adapts to market changes, thereby ensuring ongoing effectiveness.

Platform and User Experience Design (In Development):

At 'Incite', we understand the importance of user-centric design. Our platform is undergoing meticulous development to ensure a seamless and intuitive experience for retail investors. Interactive visualizations, real-time performance monitoring, and user-friendly interfaces are key features that will empower users to navigate our platform effortlessly.

Stakeholder Impact and Projected Benefits:

Our primary stakeholders, the retail investors, stand to benefit immensely from a simplified yet effective trading strategy. Early metrics suggest a substantial increase in trading performance, reduction in time spent on research, and a higher adoption rate of automated trading models.

Regulatory and Compliance Measures:

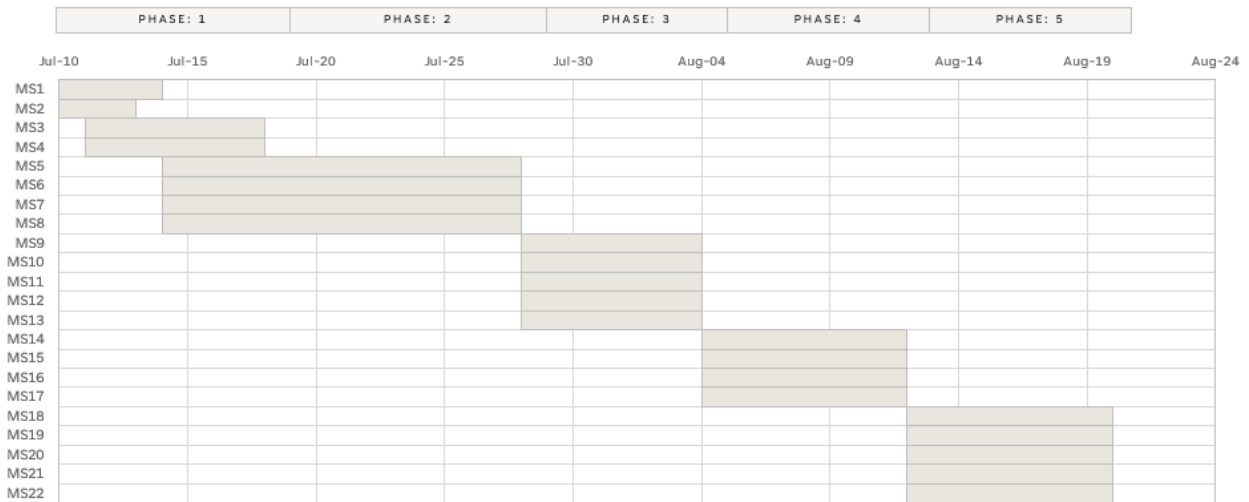
In line with financial industry norms, we have undertaken all necessary compliance measures. Partnerships with financial institutions are in place to ensure a secure and transparent trading environment.

PROJECT SUMMARY

In the course of this endeavor, we have successfully developed cutting-edge Reinforcement Deep Learning (RDL) models that provide automated trading algorithms for retail investors. These algorithms leverage machine learning and AI to make data-driven trading decisions, streamlining the investment process and enhancing the potential for profitable outcomes.

TIMELINE AND KEY ACTIVITIES

The project implementation for 'Incite' is estimated to span a total duration of 8 weeks. The timeline is structured with key milestones and tasks to ensure a systematic and efficient approach. The estimated durations mentioned below are tentative and subject to adjustments based on project requirements and resources.



PHASE 1: RESEARCH & DATA COLLECTION	PHASE 2: ALGORITHM DEVELOPMENT AND TESTING	PHASE 3: PLATFORM DEVELOPMENT AND INTEGRATION	PHASE 4: USER TESTING AND REFINEMENT	PHASE 5: DEPLOYMENT AND LAUNCH
<p>OBJECTIVE:</p> <p>Gather relevant market data and research resources for algorithmic trading models.</p> <p>MILESTONES:</p> <ul style="list-style-type: none"> - Research and identify data sources and research materials. - Acquire necessary tools and software for data collection and analysis. - Collect and preprocess market data for further analysis. - Complete the research phase and compile findings for algorithm development. 	<p>OBJECTIVE:</p> <p>Develop and test machine learning and AI algorithms for algorithmic trading.</p> <p>MILESTONES:</p> <ul style="list-style-type: none"> - Design and develop algorithmic trading models based on research findings. - Implement machine learning and AI algorithms for data analysis and pattern recognition. - Test and validate algorithms using historical market data. - Optimize algorithms for improved accuracy and performance. 	<p>OBJECTIVE:</p> <p>Build a user-friendly platform for retail investors to access and utilize automated trading models.</p> <p>MILESTONES:</p> <ul style="list-style-type: none"> - Develop a robust and scalable platform infrastructure. - Design and implement an intuitive user interface for seamless user experience. - Integrate machine learning algorithms with the platform for automated trading. - Establish secure data integration with external sources and APIs. - Conduct comprehensive testing and quality assurance for platform functionality. 	<p>OBJECTIVE:</p> <p>Gather user feedback and refine the platform based on user experience and performance.</p> <p>MILESTONES:</p> <ul style="list-style-type: none"> - Recruit a group of retail investors for user testing and feedback collection. - Gather feedback on platform usability, features, and performance. - Analyze user feedback and identify areas for improvement. - Implement necessary refinements and enhancements to the platform. - Conduct additional rounds of user testing and iteration as needed. 	<p>OBJECTIVE:</p> <p>Prepare the platform for deployment and successfully launch it in the market.</p> <p>MILESTONES:</p> <ul style="list-style-type: none"> - Finalize the platform development and ensure all features and functionalities are in place. - Conduct thorough testing and quality assurance to ensure stability and performance. - Develop marketing and promotional strategies for the platform launch. - Prepare user documentation, tutorials, and support materials. - Execute the launch plan, promote the platform, and onboard retail investors.

CONCLUSION AND FUTURE DIRECTIONS

The 'Incite' project serves as a game-changer in the retail investment landscape. By delivering on our promise of providing democratized, automated trading strategies, we are not just a business but a revolution in the making. As we move forward, our focus will be on continuously refining our models, enhancing user experience, and expanding our partnership networks to solidify our position as a leader in the automated trading sector.