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ALGO INVESTMENTS ANNOUNCES NEW STOCK PRICE PREDICTION APPLICATION THAT ENABLES INVESTORS TO MAXIMIZE THEIR EARNINGS

Utilizing advanced machine learning algorithms to provide insights and predictions that outperform traditional trading methods

Knoxville, TN - 11/29/2024 - To help investors make more money on trades with ease, Algo Investments is releasing a desktop application that uses advanced machine learning algorithms to predict stock market trends based on historical data. This application will be user-friendly and make trading easier for the average user, and will be available for businesses, investment firms, as well as individuals.

Stock trading has a high barrier to entry, and many forecasting tools available on the market are too complicated for the beginner trader to use. The stock market data changes every second, and no human can analyze such a huge amount of data on a large scale. Additionally, human calculations are slow and prone to error.

The Algo Investments stock price prediction app solves this entry barrier problem, by making it easy for everyone to get started, regardless of their experience level in stock trading. Our application utilizes machine learning algorithms to process and analyze huge data sets immediately, to ensure users get the highest quality insights possible in real-time. The AI component of our product eliminates human error from the decision making process and monitors the market 24/7, allowing new and experienced traders alike to become more profitable in their trades by instantly providing recommended actionable insights.

"As the world of finance keeps on changing, so must the tools that investors use to get ahead. Harnessing the power of the latest algorithms in machine learning, we offer a tool by means of which trading is becoming easier-not just for beginners but also for seasoned investors. Our app gives its users real-time insights and recommendations, with the removal of any conjecture in investing. It allows users to make quicker and

more insightful decisions in order to maximize returns.” - JP Saia, CEO of Algo Investments

To get started, the customer will download and install our application from our website. Then all the user needs to do is enter the stock they would like to forecast, and our advanced machine learning models will instantly provide them with incredibly accurate short-term and long-term stock price forecasts. The user can save their favorite stocks, so their personalized forecasts will be shown automatically when the app is launched.

“Since using Algo Investments' stock price prediction app, my earnings have increased by 30%! Other apps I tried in the past were overly complicated and frustrating to use, and often led me astray with bad advice. However, Alog Investments' product has changed the game. Their streamlined and user-friendly app makes the decision making process quick and easy, while providing the best guidance and insight in the industry. Using their app, I always feel confident I am making the best decisions to maximize my earnings, and can do so with ease. Thank you, Algo Investments!” - Jane Doe, personal investor

To learn more, visit algoinvestments.com.

FAQs

1. **Who is your customer? Who will be using your product?**

   This product is geared toward individuals or investment companies looking to predict the stock market.

2. **How does your product make your customer's life significantly better? What is the problem to solve?**

   Our product is an easy-to-use desktop application that provides investors with information that will help them maximize their earning potential. Our application will utilize machine learning methods to analyze historical stock market data and forecast future stock prices, which will enable our customers to make decisions that have the highest likelihood of success.

3. **Why is this a problem that needs to be solved right now?**

Improving the quality of stock market predictions is an ever-present issue. Now is the perfect time to take advantage of new machine learning methods to allow our customers to generate more revenue.

4. **What might disappoint the customer?**
   - Poor predictions causing a loss of revenue
   - Poor design of our desktop app that makes our product frustrating for the consumer to actually use and benefit from
   - Bugs in the integration of the prediction model with the desktop app that result in app downtime or errors in the output displayed to the user

5. **How will the customer discover or find our product? Is this a web, mobile, desktop, or a specialized tool/app?**

Our product will be a desktop application available for download on our website, but release of a mobile application or website is possible in the future. We will advertise on stock trading websites and social media platforms to increase exposure to our product.

6. **How will you measure success?**

We will utilize computational methods to analyze how well our model learns from historical data. We will compare our model's prediction with actual outcome to determine the accuracy of the output, and use this to further improve the quality of our forecasts. Additionally, we will allow customers to provide feedback on our application.

7. **What are the baseline model(s) and paper(s) you will use for inspiration?**

The baseline model will be a simple regression model, trained using a small sample of data from the stock data set. We will look to papers such as "Stock Closing Price Prediction using Machine Learning Techniques" by Vijh et al. published in *Procedia Computer Science* in 2020.

8. What is the dataset for your project?

Berkshire Hathaway Stock Price Data

9. What are the computational needs for your idea?

We expect that an average consumer grade processor would be sufficient for this project. We do not expect heavy computing power to be necessary.

10. What are the key milestones in your roadmap:

	Milestone/Feature Description	Priority	Deadline
1	Cleaning Data	high	9/26/2024
2	Splitting/Choosing a small sample set	high	9/26/2024
3	Creating baseline model	high	10/03/2024
4	Train and improve the model	high	10/10/2024
5	Evaluate results	medium	10/20/2024
6	Midterm Project Report	High	10/20/24
7	Implement a larger data set	high	10/27/24
8	Evaluate significance of features	medium	11/3/24
9	Visualizations	medium	11/10/24
11	Making final touches	high	11/20/24
12	Delivery of project presentation	High	11/26/24
13	Delivery of final project report	High	11/29/24