StockAssist

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Origin of the creative idea

Many individual investors and financial advisors struggle to effectively analyse stock performance, identify potential investment opportunities, and mitigate risks

Most of the stock related information is scattered across various third party apps and websites which makes it hard for the investor to gather relevant information.

Traditional methods often involve complex financial analysis, time-consuming research, and a lack of personalised insights, that are not readily available.

Creation process

Our StreamLit application, powered by the IBM Watson Granite 7B LAB model, offers a user-friendly solution to these challenges.
Provides comprehensive stock analysis, generating actionable insights, and visualising price trends, all in one place.

It takes user input of a stock ticker, extracts key metrics from historical data, prepares a summarised input text, and sends it to the model, which generates insights, strategies, and potential risks based on the input and its internal knowledge. The results are then displayed on a Streamlit app interface.

Individual Investors

Financial Advisors

Target Audience

Beginners

Key Features

- **Real-Time Market Analysis:** Continuously monitors stock market and provides real-time updates on trends, helping investors stay ahead of market shifts.
- **AI-Generated Strategic Recommendations:** Uses pre-trained AI models to analyse market data and social media sentiment, generating strategies, insights and potential risks associated with a stock.
- **User-Friendly Dashboard:** A visually appealing and easy-to-use dashboard, allowing users to interact with data and insights seamlessly.
- **Customizable Insights**: Users can input any stock ticker to have access to its information and price fluctuation charts in just a few seconds.

Revenue Streams

Our primary revenue stream will be derived from subscription fees for our platform. Additional revenue sources could include premium features, data exports, and partnerships with financial institutions.

Competitive Analysis

While several competitors offer stock analysis tools, our Unique Selling Proposition (USP) lies in our AI-powered, real-time analysis and user-friendly interface. While competitors may focus on specific features or data sources, our platform provides a comprehensive and integrated solution.

Final reflections and future steps

Our platform has the potential to scale rapidly as we expand our feature set and reach a wider audience. The impact of our tool can be significant, empowering investors to make more informed decisions and potentially increasing their returns. An Affiliation with a financial institution would be of a vast difference to our product’s market as well

Thank you very much!