CLIENT REPORT

DAY 1

Date:15-09-2024

Geotag:

Questions Asked

1. What is the primary goal of the stock market prediction model?

Answer: The goal is to predict future stock prices using historical market data and news sentiment analysis, providing actionable insights for investors and financial analysts.

2. Which stocks or sectors should the model focus on?

Answer: We will start by focusing on large-cap companies, but we can expand to other sectors based on the model's performance and your preferences.

3. What timeframe should we consider for historical stock data?

Answer: A minimum of 2 years of historical data is recommended, but we could go up to 10 years for a more robust analysis.

4. What kind of news articles should be considered for sentiment analysis?

Answer: We will focus on financial news, earnings reports, press releases, and news from reputable sources like CNBC.

5. Are there any specific events or indicators that we should factor into the analysis?

Answer: Yes, we should consider major market-moving events such as earnings reports, mergers.

6. What level of prediction accuracy are you expecting from the model?

Answer: Ideally, we aim for an accuracy above 70%, but it is important to ensure the model is reliable under different market conditions.

7. Do you have a preference for machine learning models ?

Answer: I would like to explore LSTM for its time-series capabilities, but I'm open to other models if they offer better performance.

8. How frequently do you expect the model to make predictions?

Answer: Daily predictions are preferred, but we should also explore weekly and monthly trends for longer-term insights.

9. How will the prediction model be deployed?

Answer: A web-based dashboard with visualization features would be ideal for tracking stock predictions and sentiment analysis in real time.

10. Will you require any integrations with existing systems (e.g., APIs)?

Answer: Yes, we may want to integrate with platforms like TradingView, depending on feasibility.

DAY 2

Date:16-09-2024

Geotag:

Questions Asked

1.How did you track and predict stock movements before using FinTech tools?

Answer: I relied on traditional methods such as manually monitoring stock trends, analyzing graphs, and taking detailed notes on market movements.

2.What is your opinion on the role of AI in stock prediction?

Answer: Stock prediction is a time-consuming process, and AI has the potential to significantly reduce that time while providing accurate predictions. With its ability to process vast amounts of data, AI can act like an expert in stock prediction.

3.How important is real-time data when making investment decisions?

Answer: Real-time data is crucial for making informed investment decisions. It allows investors to respond quickly to market changes, capitalize on opportunities, and mitigate risks as they arise. Without real-time information, decisions may be based on outdated data, leading to missed opportunities or potential losses.

4.Have you faced any difficulties in accessing reliable market data?

Answer: Yes, accessing reliable market data can sometimes be challenging. Issues like data being delayed, inconsistent, or incomplete can make it difficult to make timely and informed investment decisions. Additionally, ensuring that the data comes from credible and trustworthy sources is a constant concern.

5.How do u think we can solve this problem?

Answer: This issue can be addressed by integrating machine learning (ML) techniques into the model. ML can help by automatically processing vast amounts of data from various reliable sources, ensuring up-to-date and accurate information. Additionally, ML algorithms can filter out irrelevant or low-quality data, providing investors with more relevant insights and reducing the time spent manually searching for reliable market data.

6.Do you have a preference for short-term or long-term stock price predictions?

Answer: That depends; if I'm looking for quick gains, I prefer short-term predictions, but for sustainable growth, I focus on long-term predictions.

7.Would you prefer a stock prediction model that incorporates both technical data and sentiment analysis? Why?

Answer: Yes, I would prefer a stock prediction model that incorporates both technical data and sentiment analysis because it provides a more comprehensive view of market trends and investor behavior, potentially leading to more accurate predictions.

8.How do you currently assess investor sentiment in the market?

Answer: I currently assess investor sentiment in the market by analyzing social media trends, news articles, financial reports, and market indicators such as the volatility index (VIX) and trading volumes.

9.Would you be interested in personalized financial recommendations based on your investment patterns?

Answer: Yes, I would be interested in personalised recommendations, as they help me in understanding my stocks better and make better choices.

10.What do you think could be improved in FinTech platforms to better meet your needs as an investor?

Answer: By incorporating real-time data, and enhanced analytics tools, user-friendly interfaces, and personalized investment recommendations based on individual risk profiles and goals.

DAY 3

Date:17-09-2024

Geotag:

Questions Asked

1.What features or functionalities would you like to see in the stock prediction dashboard?

Answer: I would like the dashboard to provide clear and concise visualizations of the model's predictions, including charts, graphs, and key performance indicators. It should also allow for easy customization and filtering of data.

2.How important is ease of use and user experience in a financial tool?

Answer: Ease of use is crucial for a financial tool like this. The dashboard should be intuitive and user-friendly, with clear instructions and helpful guidance.

3.What type of visualization tools or charts would be most helpful for interpreting the predictions?

Answer: I would find line charts, scatter plots, and heatmaps to be particularly helpful for visualizing stock price trends, correlations, and sentiment analysis.

4.What ethical considerations should be taken into account when developing and deploying a stock prediction model?

Answer: It's important to consider ethical implications such as data privacy, bias in the model, and the potential impact on financial markets.

5.How do you address the potential for bias in the model's predictions?

Answer: We strive to use diverse and representative datasets to minimize bias in our model. We also regularly monitor the model's performance to identify and address any potential biases.

6.What measures are in place to protect user privacy and data security?

Answer: We implement robust security measures, including encryption, access controls, and regular audits to protect user privacy and data security. We also comply with relevant data privacy regulations.

7.Do you have any specific preferences for investment strategies or asset classes?

Answer: I'm interested in a diversified portfolio that includes a mix of stocks, bonds, and ETFs. I'm particularly interested in growth stocks and dividend-paying stocks.

8.What is your investment horizon? How long do you plan to hold your investments?

Answer: My investment horizon is long-term. I'm planning to hold my investments for at least 10 years.

9.What is your primary goal for using market insight data?
Answer: I want to identify potential investment opportunities and assess market trends to make informed decisions about my portfolio.

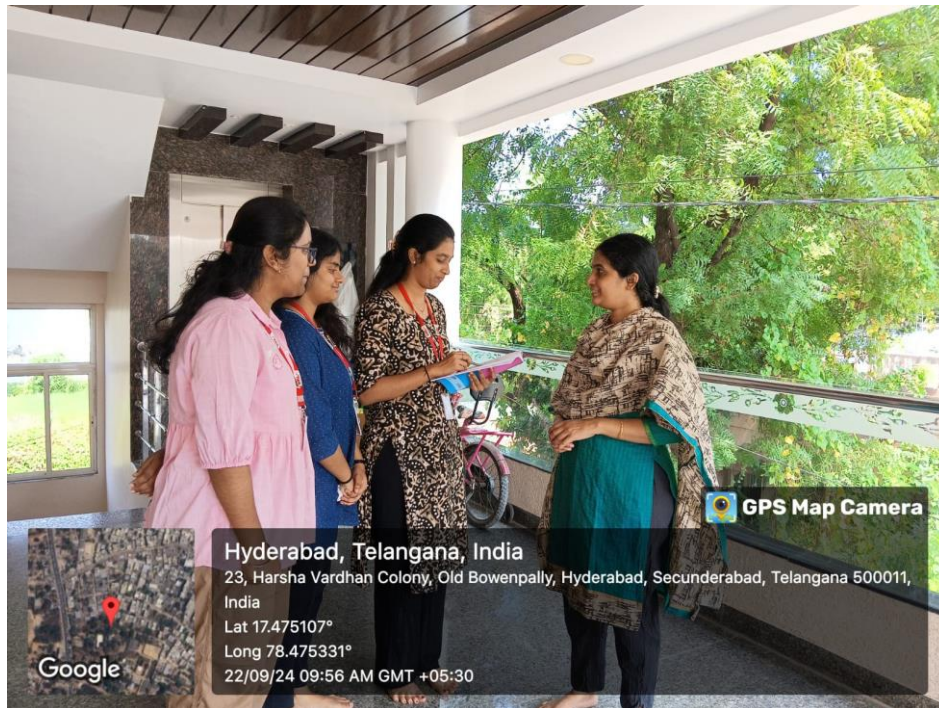10.What specific markets or industries are you interested in?
Answer: I'm particularly interested in the technology and healthcare sectors.

DAY 4

Date:22-09-2024

Geotag:

Questions Asked

1.How do you envision using market insight data to inform your decision-making?

Answer: I plan to use market insight data to identify undervalued stocks, assess market sentiment, and identify potential risks and opportunities.

2.What specific data points or metrics are most important to you?

Answer: I'm interested in stock prices, financial ratios, earnings data, and news sentiment.

3.What time frame are you interested in for the data?

Answer: I would like to analyze data for the past 5 years.

4.Are there any specific data sources or providers you prefer?

Answer: I prefer reliable data sources like Bloomberg, Reuters, and Yahoo Finance.

5.What level of accuracy or precision are you expecting from the model?

Answer: I would like the model to have an accuracy rate of at least 70%.

6.How important is explainability and interpretability of the model's predictions?

Answer: Explainability is very important to me. I want to understand the factors that are driving the model's predictions so I can make informed decisions.

7.What type of visualizations or dashboards would be most helpful for you to interpret the results?

Answer: I would find line charts, scatter plots, and heatmaps to be helpful for visualizing stock price trends, correlations, and sentiment analysis.

8.Are there any specific reporting or analytics features you would like to see?

Answer: I would like to be able to generate customized reports and analyze the data by different criteria, such as sector, industry, or company size.

9.What are your concerns regarding data privacy and security?

Answer: I am concerned about the security of my personal information and the confidentiality of my investment data. I want to ensure that the data is protected from unauthorized access or breaches.

10.How important is data privacy to you?

Answer: Data privacy is extremely important to me. I want to be confident that my data is being handled securely and in compliance with relevant regulations.