📈 Stock Market Dashboard Enhancements

1️⃣ Real-Time User Updates via Bots

🛠️ **Technology: Chatbots, WebSockets, Push Notifications**

🚧 **Status: Pending**

- Integrate AI bots to provide real-time updates to users.
- Automate handling of new user onboarding and queries.

2️⃣ Enhanced Model Accuracy with External Parameters

🛠️ **Technology: Market Data APIs (Fyers, NSEPython)**

🚧 **Status: Pending**

- Add US Dollar, Gold price, and other economic indicators to improve predictive accuracy.

3️⃣ 📩 Email Notifications for Stock Prices

🛠️ **Technology: SMTP, WebSockets, Market Data APIs**

🚀 **Status: In Progress**

- Send real-time email alerts for stock price changes (both invested & interested stocks).

4️⃣ 🤖 Chatbot for Stock Market FAQs

🛠️ **Technology: NLP, AI Chatbot Frameworks (Dialogflow, Rasa), Social Media Bots (Tweepy, Reddit API, Instagram API, Telegram Bot API)**

🚀 **Status: Started**

- Develop an interactive chatbot to answer common questions related to stock investing and markets.
- Integrate Twitter (Tweepy), Reddit, Instagram, and Telegram bots to fetch and provide real-time discussions, trends, and insights from these platforms.
- Enable users to receive stock market updates directly via social media and messaging platforms.

5 📊 Case Studies on Stock Market Gains & Losses

🛠️ **Technology: Data Visualization, Power BI**

🚧 **Status: Pending**

- Add a dedicated section showcasing common profit & loss scenarios.

6 🔍 Dynamic Stock Tracking Feature

🛠️ **Technology: Fyers API (Data API & WebSockets), NSEPython, ClickHouse DB**

🚧 **Status: Pending**

- Allow users to input custom stock names and track them dynamically.
- Use ClickHouse DB for efficient WebSocket data storage & retrieval.