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PROBLEM STATEMENT

The problem is the challenge of tracking and understanding significant events amidst information overload. The solution involves creating a system that continuously extracts real-time news data from public sources and Airrchip APIs. This system employs NLP techniques, large language models, and network analysis to categorize events, construct an interactive network graph, and evaluate connections. The goal is to design a user-friendly interface allowing exploration and interaction with the graph while ensuring scalability and performance with large volumes of dynamic data.





TECHSTACKS (CED)











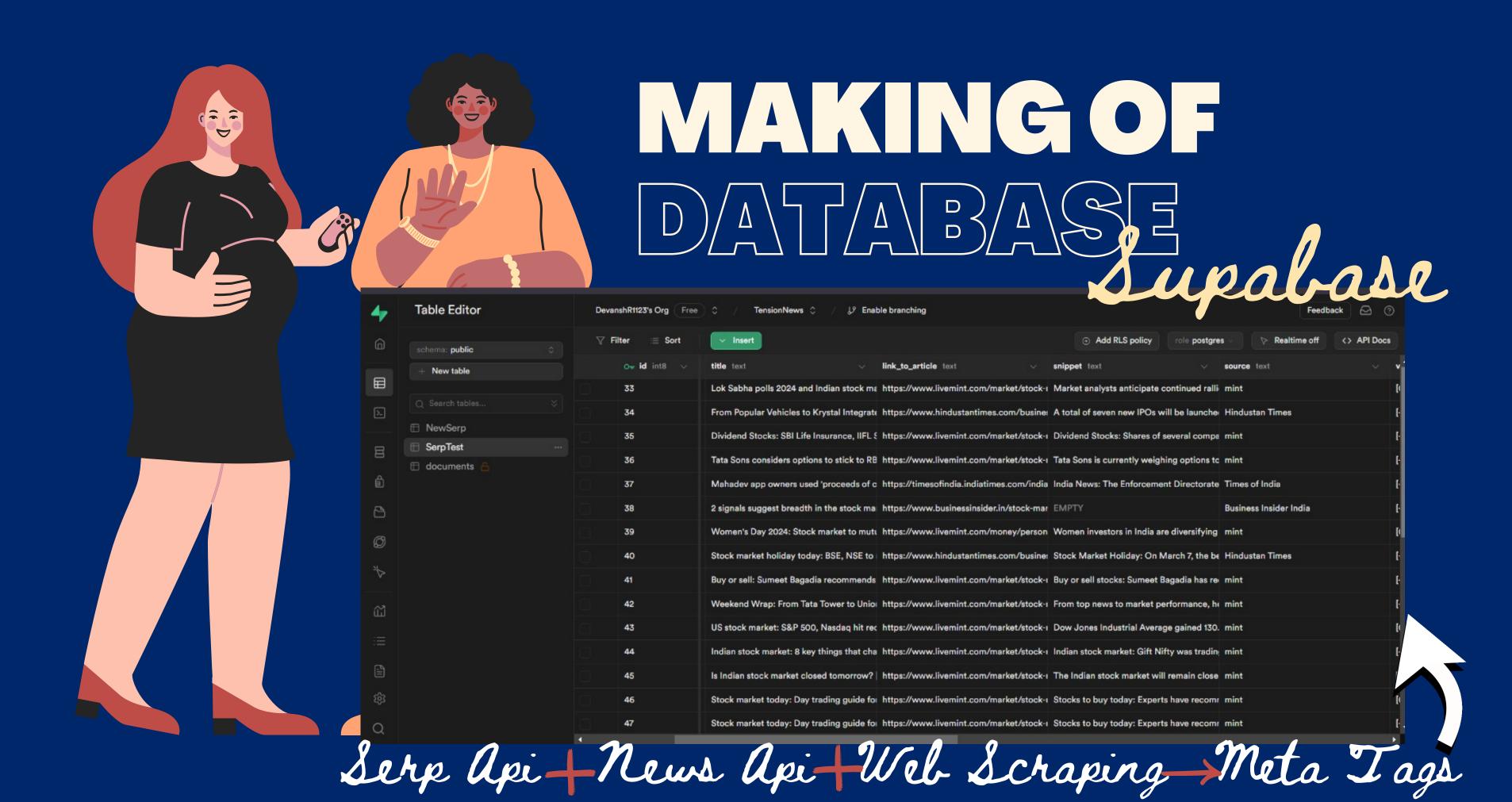












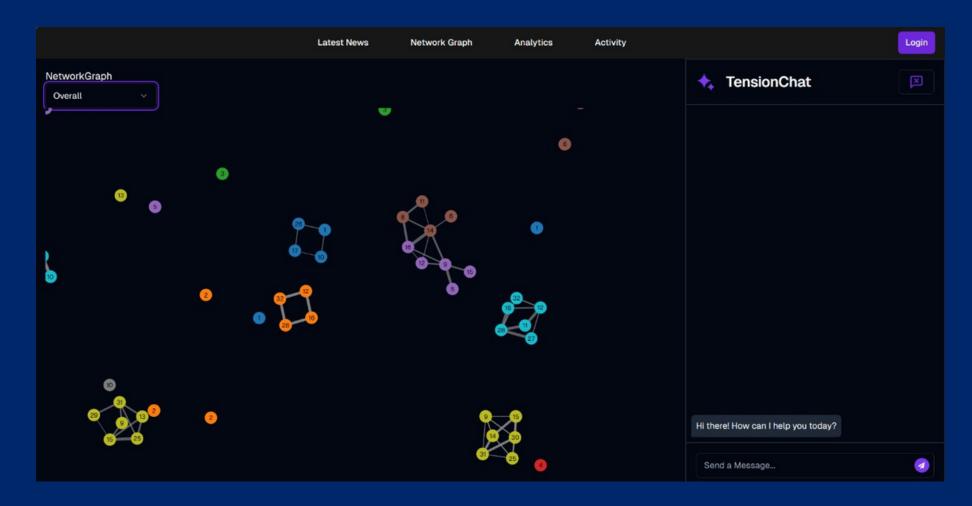
SIMILARIY MATRIX

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Threshold >0.5

Threshold < 0.9

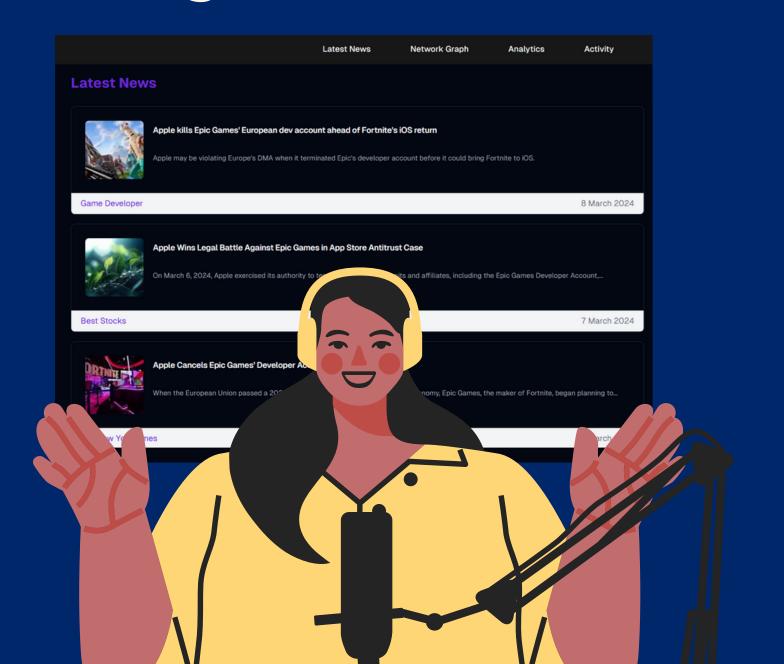
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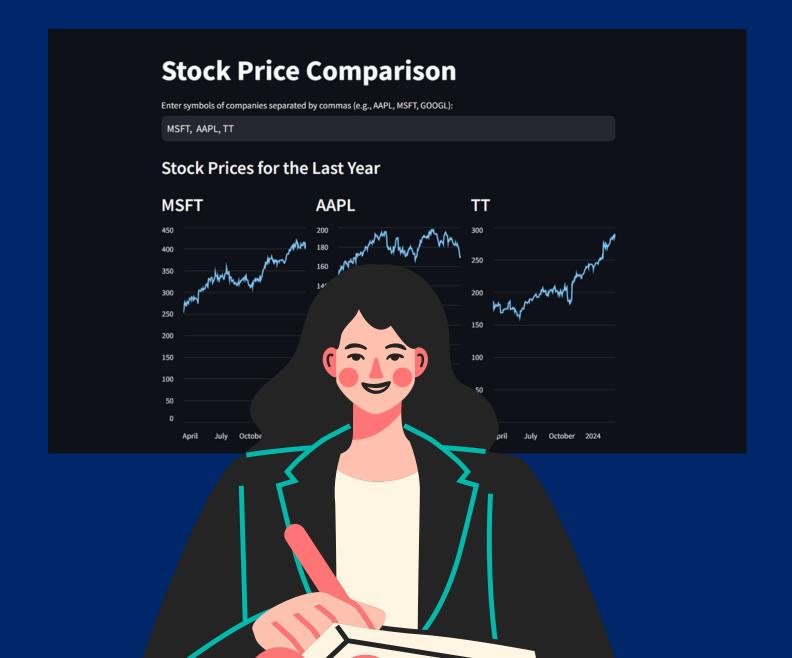
Clustering, Tags, Overall, Sentiments

FEATURES OF TENSION NEWS

Listing of Real-Time News S



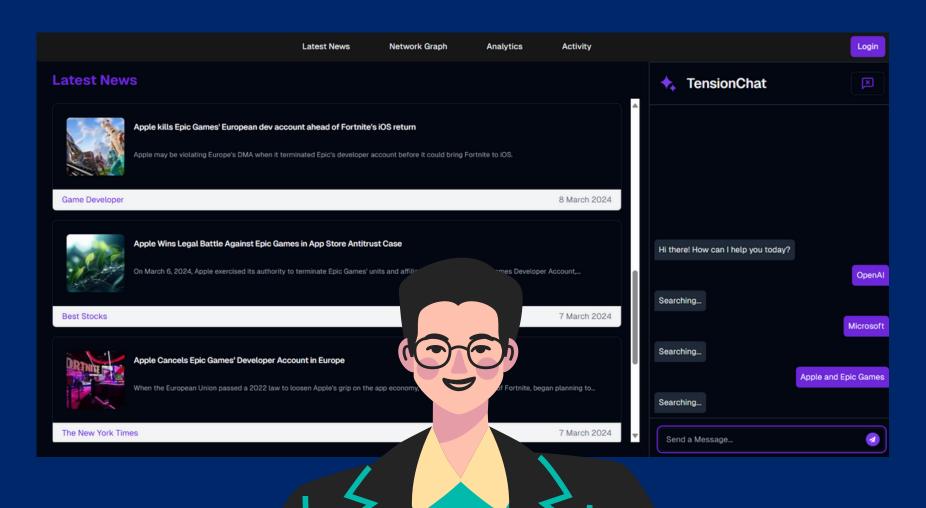
Stock Analysis



FEATURES OF

TENSION NEWS

Chatbot



Text-to-Speech



FEATURES OF

TENSION NEWS

Al News Anchor

Youtube Scraper



search_query = "Stock exchange" □ Code + ∨ □ 値 ··· ^ × PROBLEMS PORTS OUTPUT DEBUG CONSOLE TERMINAL PS C:\Users\Kashish Gandhi\Desktop\LOC\Main frontend> python -u "c:\Users\Kashish Gandhi\Desktop\LOC\Main frontend\TensionFlow LOC-6.0\yout ube_scraper\youtube_scraper.py" Video 1 - Title: Explained | The Stock Market | FULL EPISODE | Netflix URL: https://www.youtube.com/watch?v=ZCFkWDdmXG8 Thumbnail: https://i.ytimg.com/vi/ZCFkWDdmXG8/hq720.jpg?sqp=-oaymwEcCOgCEMoBSFXyq4qpAw4IARUAAIhCGAFwAcABBg==&rs=AOn4CLCprrR_uOXOpkd1695-Y rGc1FeUiA Video 2 - Title: How does the stock market work? - Oliver Elfenbaum URL: https://www.youtube.com/watch?v=p7HKvqRI Bo Thumbnail: https://i.ytimg.com/vi/p7HKvqRI_Bo/hq720.jpg?sqp=-oaymwEcCOgCEMoBSFXyq4qpAw4IARUAAIhCGAFwAcABBg==&rs=AOn4CLDJLx6lTc9C1F2AV2Th3 1k1iuQ0xw Video 3 - Title: What is a Stock Exchange & Stock Market Index? BSE Sensex & NSE Nifty Index Explained in Hindi URL: https://www.youtube.com/watch?v=GT_auP0fh90 Thumbnail: https://i.ytimg.com/vi/GT_auP0fh90/hq720.jpg?sqp=-oaymwEcCOgCEMoBSFXyq4qpAw4IARUAAIhCGAFwAcABBg==&rs=AOn4CLA-mHF0UcQSOUoV4nZ9Q



BUSINESS MODEL



White-Label Solutions

Offer white-label versions of our application to media companies, publishers, or other organizations that want to integrate real-time news analysis into their platforms.

Charge licensing or subscription fees for the white-label solution.

Freemium Model

Offer basic features, such as real-time news extraction and basic visualization, for free.





Subscription-Based Model

users pay a monthly of Rs. 299/- to access the full suite of features, including advanced analytics, personalized alerts, and enhanced visualization options



SCOPE SCOPE



Docker and Kubernetes

For scaling our software as the number of users and load on our server increases. These softwares will also take care of software isolation and cross-enviornment functionality.

Impact Assessment of news

Employing advanced algorithms for real-time impact assessment, predictive insights, and user-driven feedback





Integration with Emerging Technologies

Explore integration with emerging technologies such as augmented reality (AR) and virtual reality (VR) to enhance the user experience. Users might visualize the network graph in a 3D space, providing a more immersive and interactive way to explore interconnected events.



THANK 17000

