



# Chatgpt and Sentiment Analysis: The Future of Financial Market Trend Prediction

From Cutting-Edge Research to Revolutionary Applications for Academics and Researchers



# Introduction



# Sentiment Analysis

What exactly is sentiment analysis?

Technique of computationally recognizing and categorizing opinions contained in a piece of text, especially in order to establish whether the writer's attitude towards a specific topic, product, etc. is positive, negative, or neutral.

# Why ChatGPT?

Introducing the concept of using ChatGPT and Sentiment Analysis

High level of accuracy and fluency

Understands the nuances and subtleties of Human language



# Overview of the System

# Explanation and demonstration of the System

Analysis in predicting financial market trends

- ◆ Feeding Headline and Stock Name/symbol as Input
- ◆ Analyzes the sentiment of retrieved headlines
- ◆ API fetches top headlines from different sources
- ◆ Positive, Negative and Neutral



# Factors affecting Market Trends

Quantitative factors

Company announcements

Performance indicators-EBITDA

Sentiment from Social Media and Financial News



# Conclusion



# Power of ChatGPT and the Stock Market

Demonstrating the power of AI and NLP.

Through sentiment analysis, investors can quickly understand if the tone of the report is positive, negative or neutral.

# Future directions and potential applications

To provide insights into future directions and potential applications of Chatgpt and Sentiment Analysis in predicting financial market trends

1

Analyzing news articles and social media posts to predict market trends

2

Predicting market trends based on public sentiment towards specific companies or industries

3

Identify emerging market trends and investment opportunities

4

Future advancements and the impact on predicting market trends

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Thank you for your  
time and attention

Q&A