

Research Notebook Entry Week 12:

In continuation of the previous week's research, I explored additional techniques for sentiment analysis and their effectiveness. One method that showed promise was the use of natural language processing (NLP) techniques to identify and extract sentiment from text.

NLP techniques can analyze language patterns and structures, which can help in identifying sarcasm, irony, and other nuances in language that sentiment analysis tools may miss. I also explored the use of machine learning algorithms for sentiment analysis, which can help in training the system to recognize specific sentiment patterns.

Additionally, I conducted a comparative analysis of sentiment analysis tools and techniques to identify the strengths and limitations of each approach. This analysis helped me in selecting the most appropriate techniques for the specific research question and data set.

Moving forward, I plan to conduct further experiments to test the effectiveness of combining different sentiment analysis techniques for improved accuracy and reliability of findings. I will also explore the use of sentiment analysis for other types of data, such as social media posts and customer reviews, to identify potential applications in various industries.

I tried to inculcate NLTK's and vaderSentiment's sentiment analysis and they both gave similar results.