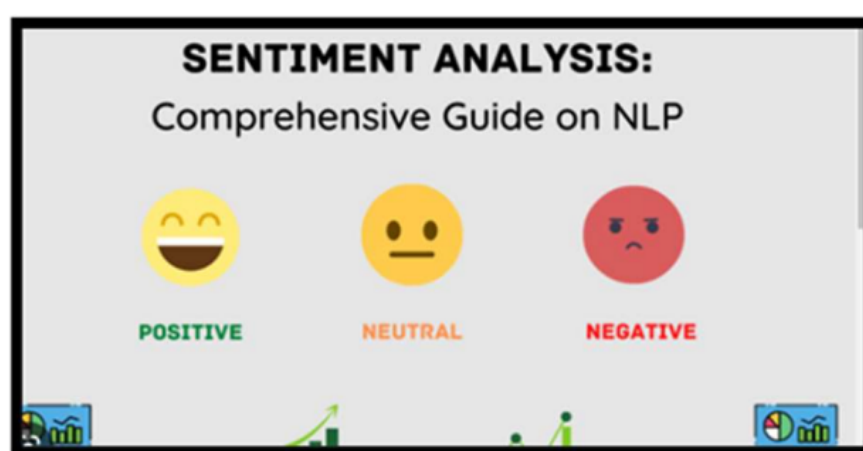
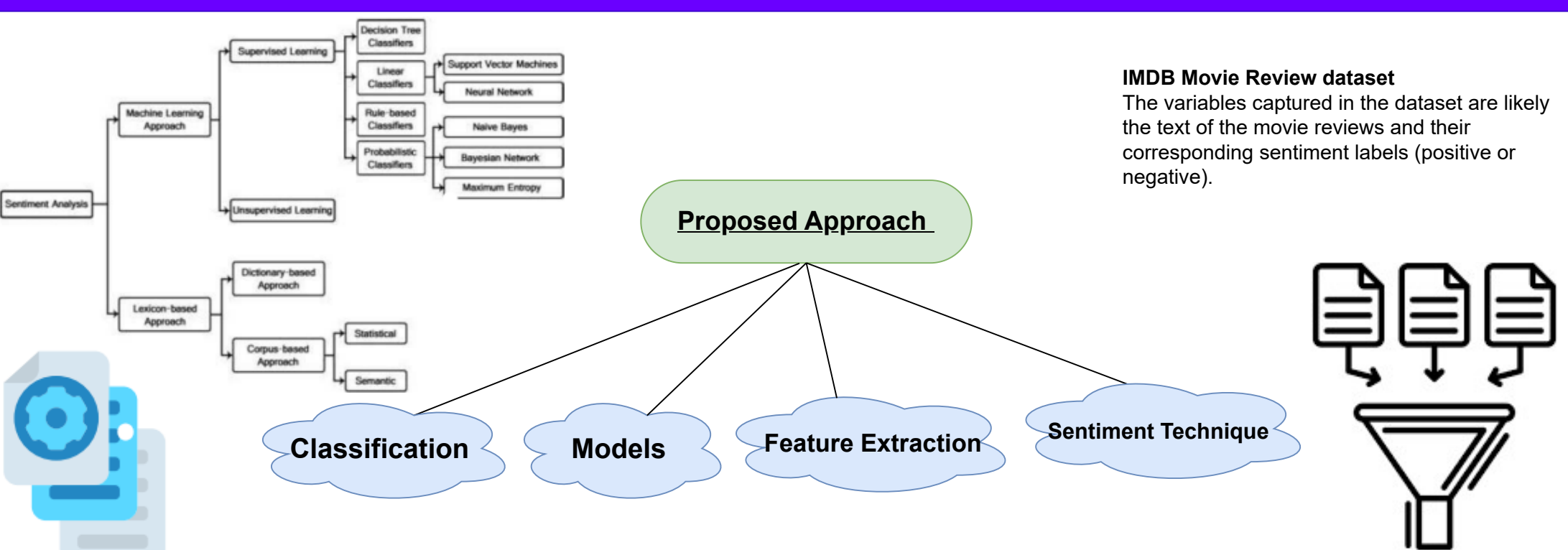


SENTIMENTAL ANALYSIS MOVIE REVIEWS

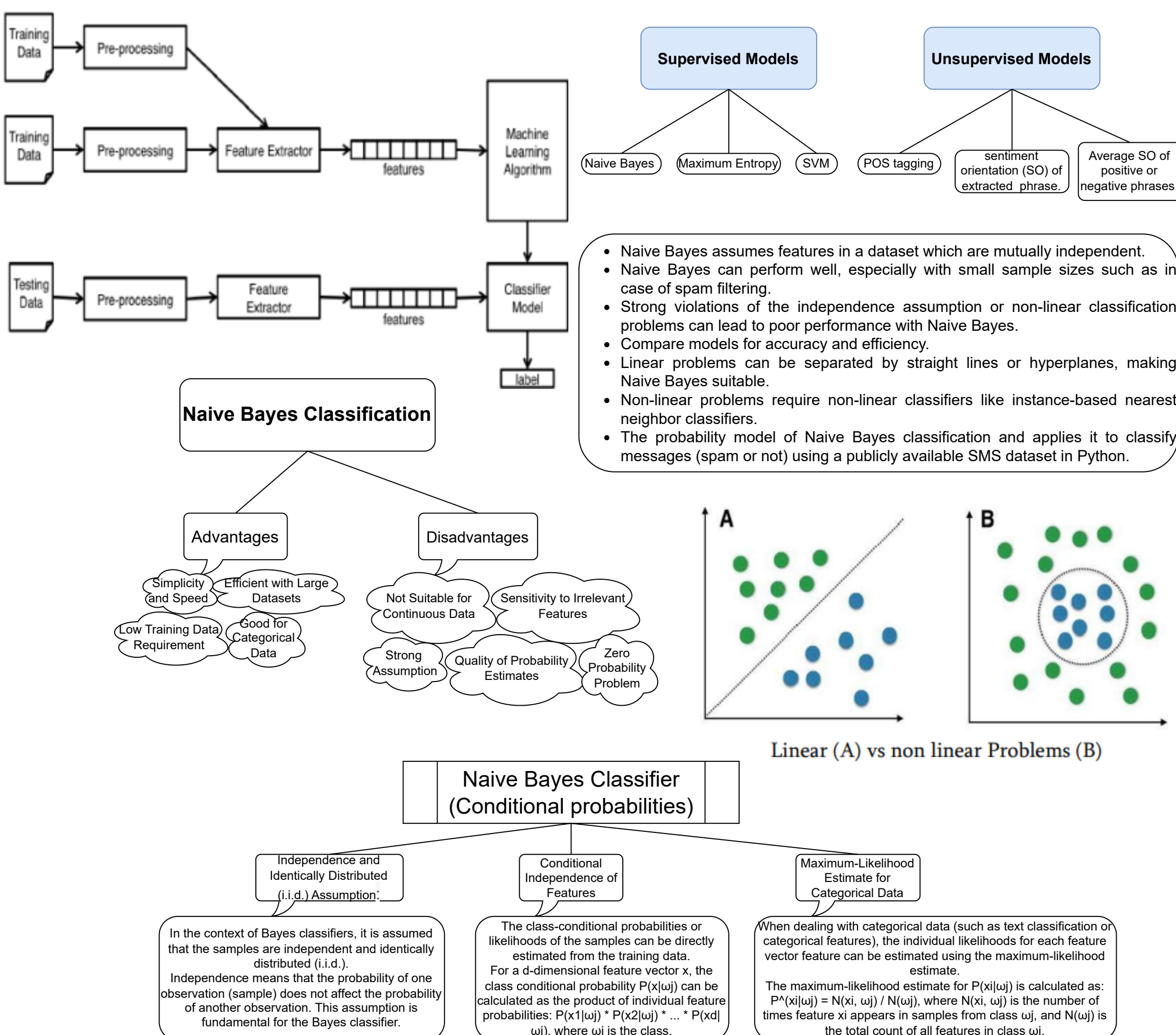


The problem statement of the article is to predict the polarity (positive or negative) of movie reviews by understanding the meaning and relationship between words. The goal is to calculate the sentiment of sentences extracted from movie reviews and determine if they are positive, negative, or neutral.

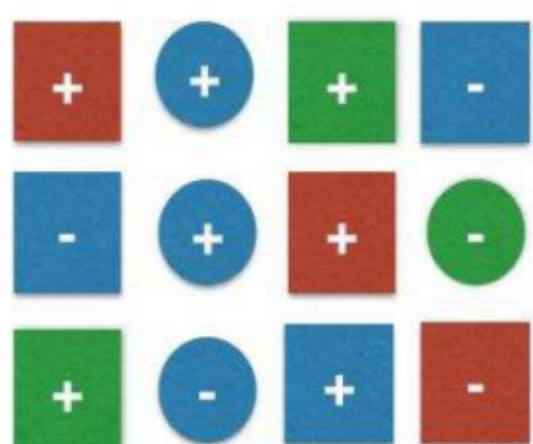
Data Collection & Material



Models Implemented



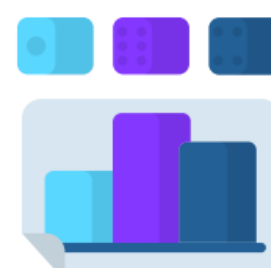
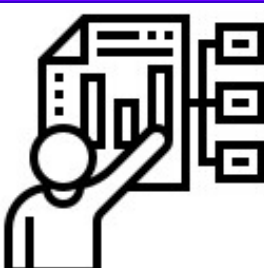
Observations & Results



It can be inferred that the Naive Bayes classifier was used to predict the polarity of movie reviews as positive or negative. The article suggests that mining movie reviews and generating valuable metadata can provide insights into the general sentiment around movies in an independent way

Conclusion & Recommendation

Sentiment analysis plays a crucial role in enhancing modern businesses by harnessing the power of Natural Language Processing (NLP) to decipher human language and make it accessible to machines. Additionally, Machine Learning (ML) significantly contributes to the effectiveness of sentiment analysis, making it the top choice in the market. The algorithms driving sentiment analysis not only offer a comprehensive understanding of data but also provide valuable solutions to real-world challenges.



In the future, Generative Pre-Trained Transformer (GPT) is the best in case anybody uses NLP in the AI. It helps the language of a pre-trained model that can help various tasks to be fine-tuned and better apply the appropriate model, increasing the accuracy level.