

## Lesson 40: Sentiment Analysis

Data Science with Python – BSc Course

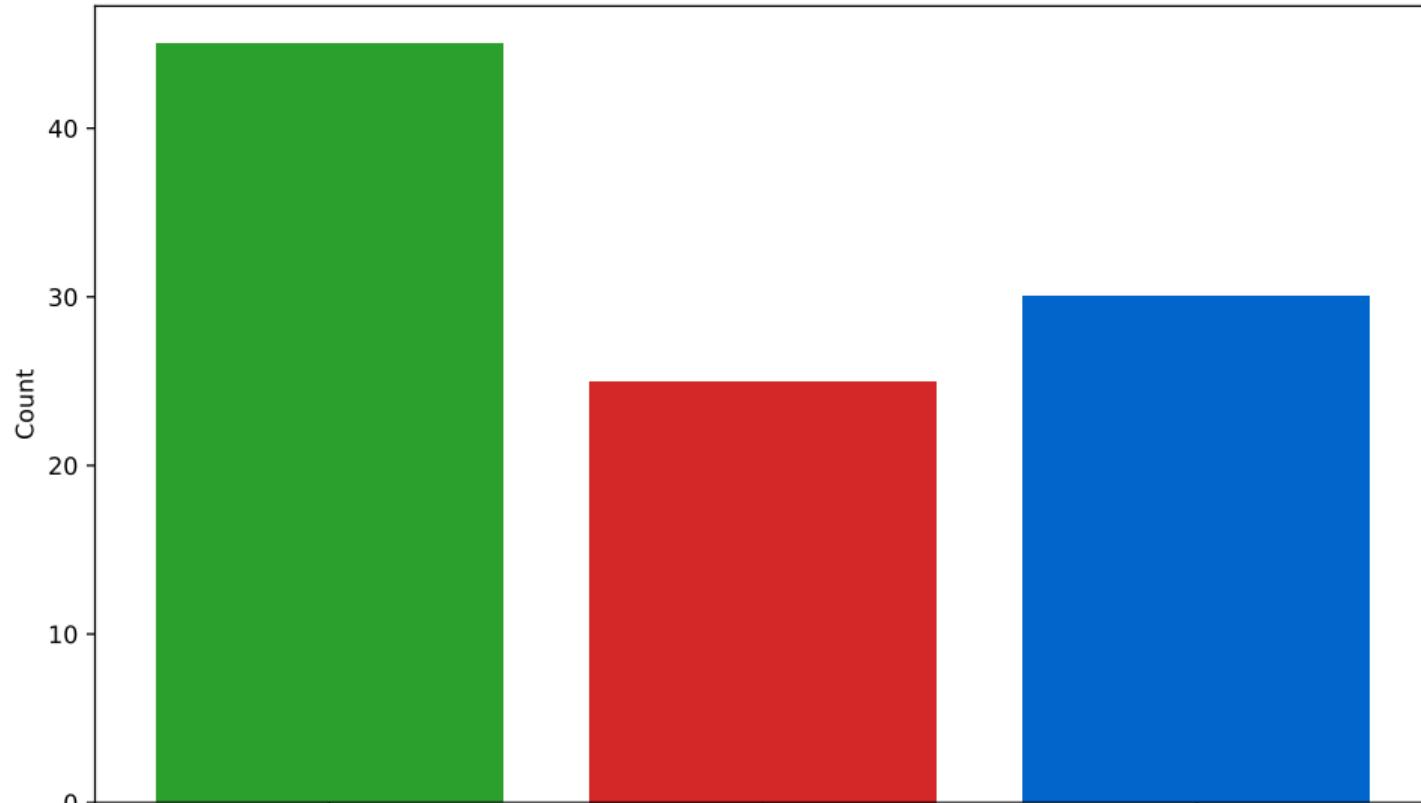
45 Minutes

**After this lesson, you will be able to:**

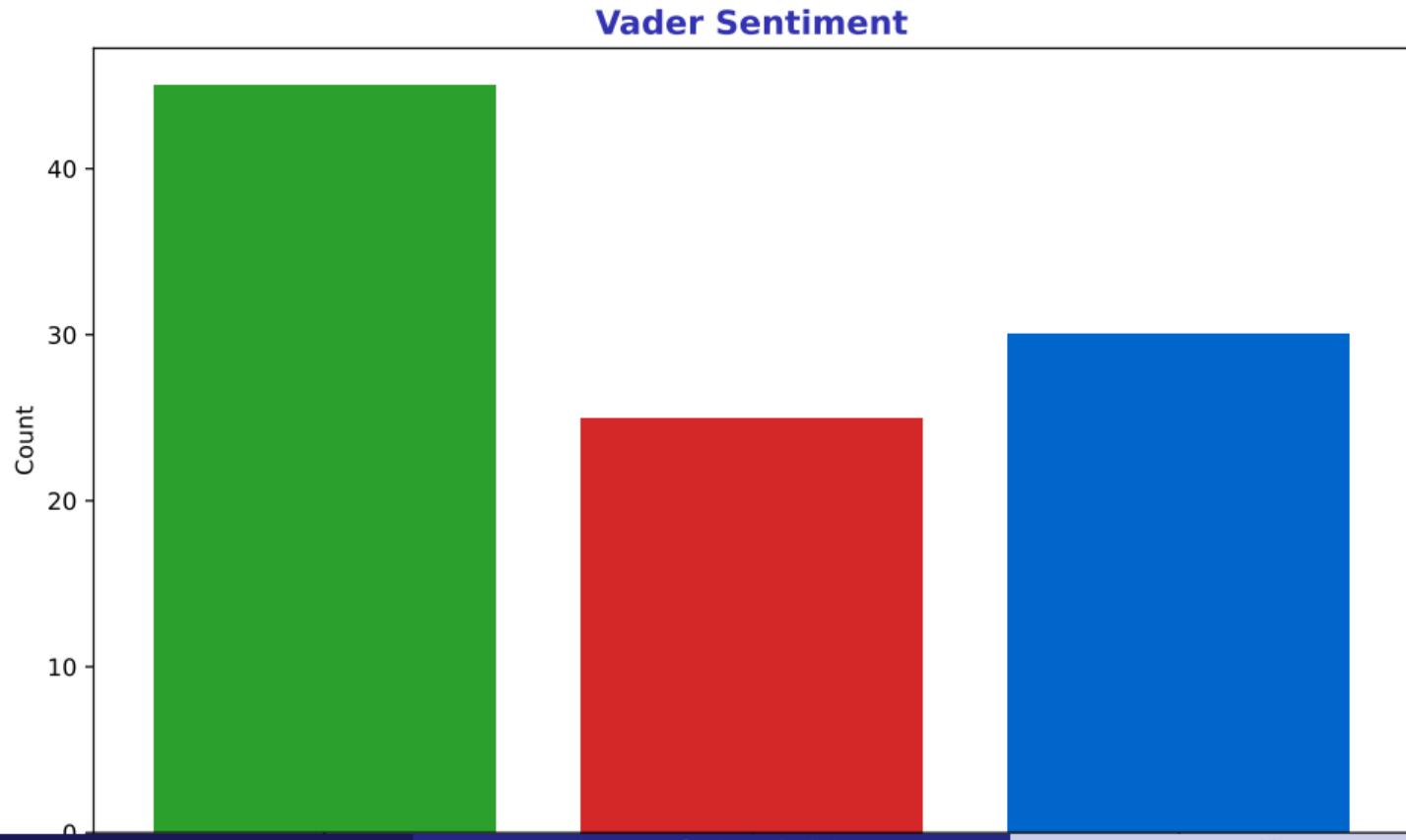
- Apply VADER sentiment
- Use FinBERT for finance
- Build sentiment classifiers
- Analyze market sentiment

**Building towards your final project**

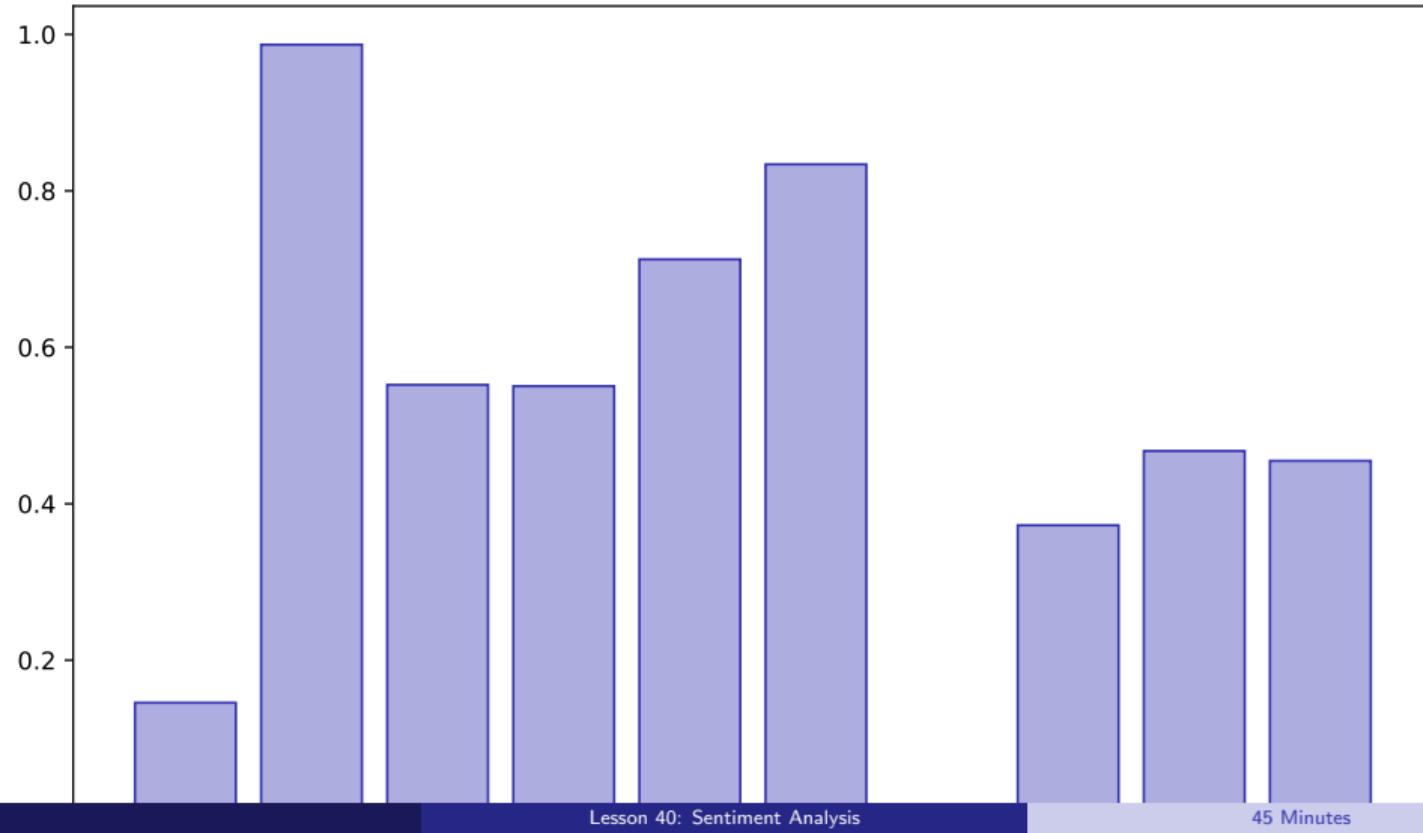
### Sentiment Concept



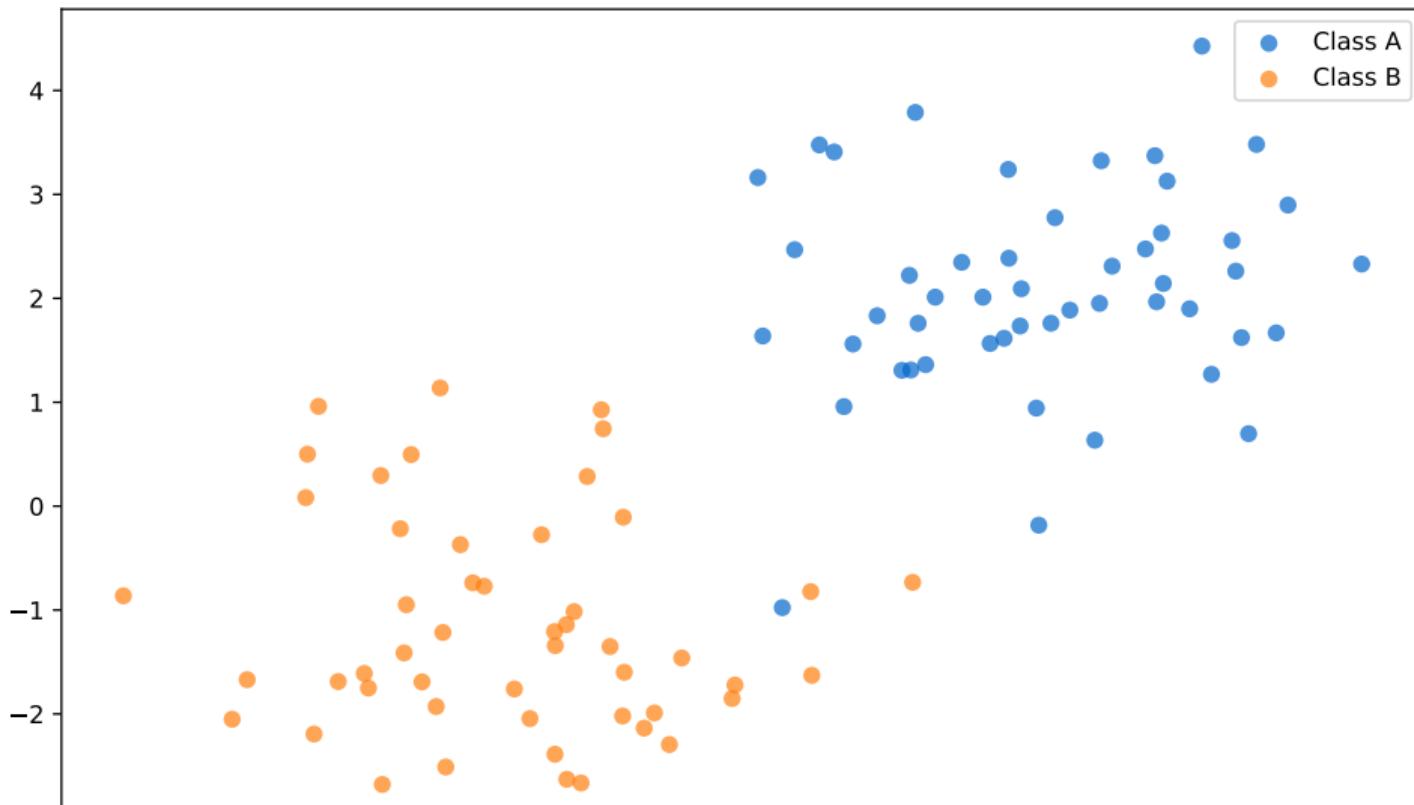
## Vader Sentiment



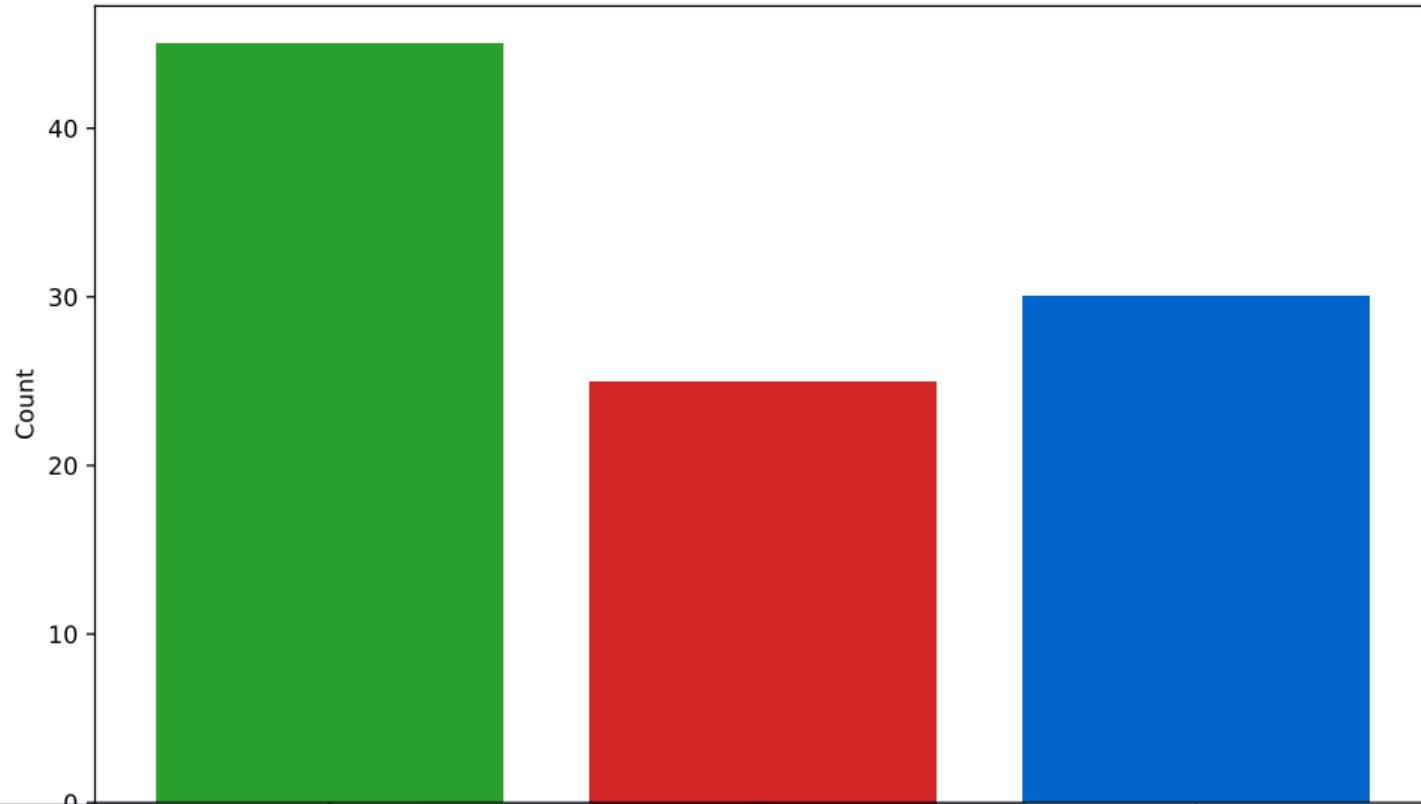
## Finbert Intro



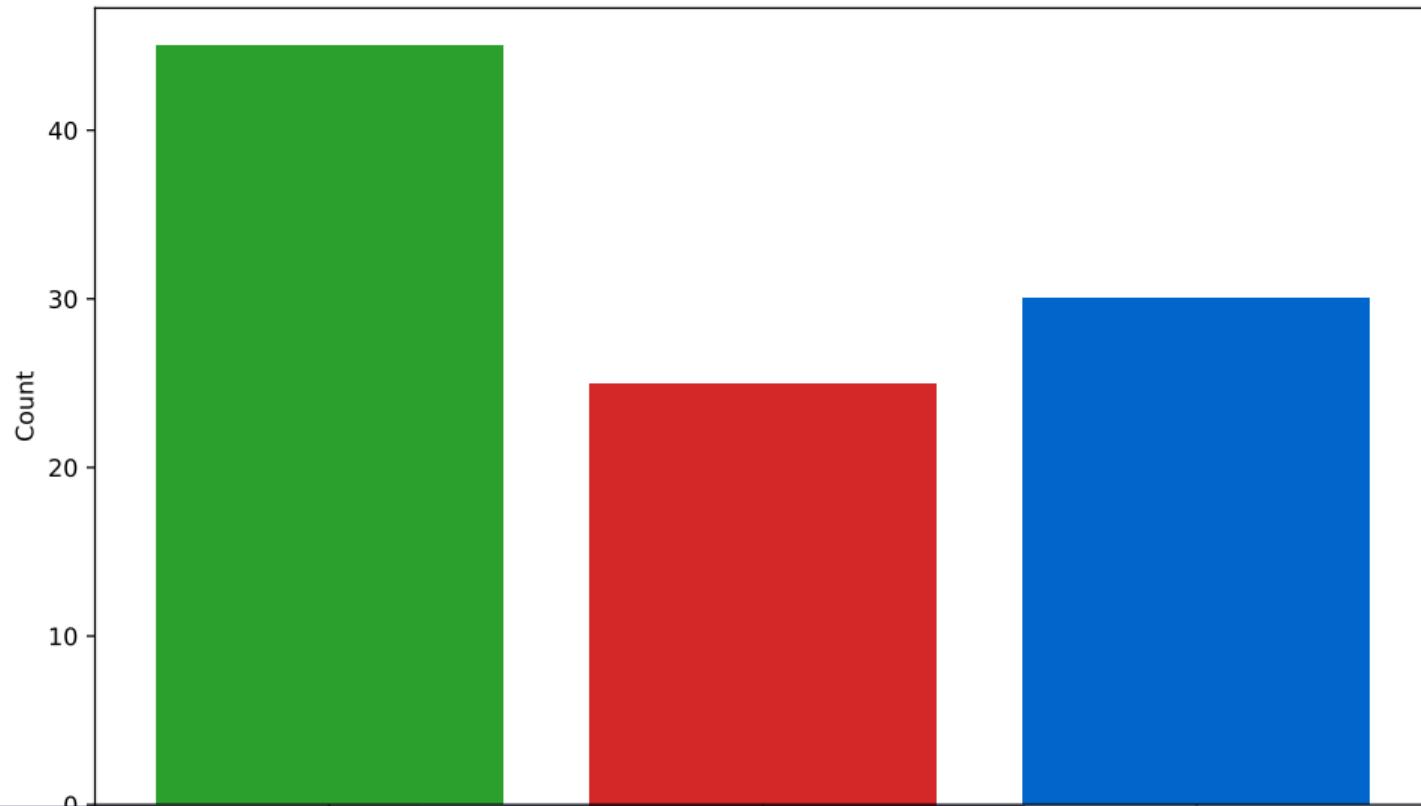
## Sentiment Classification



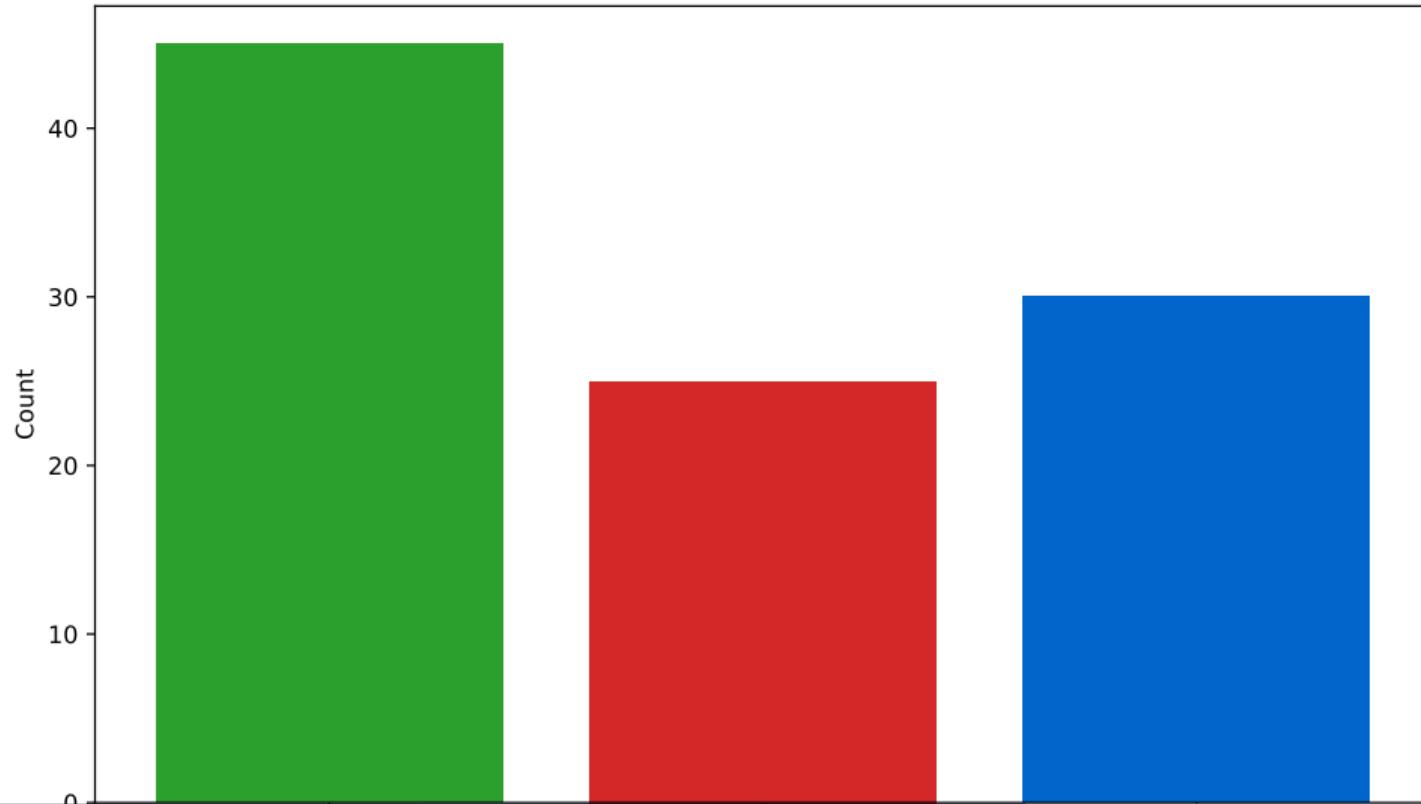
Aspect Sentiment



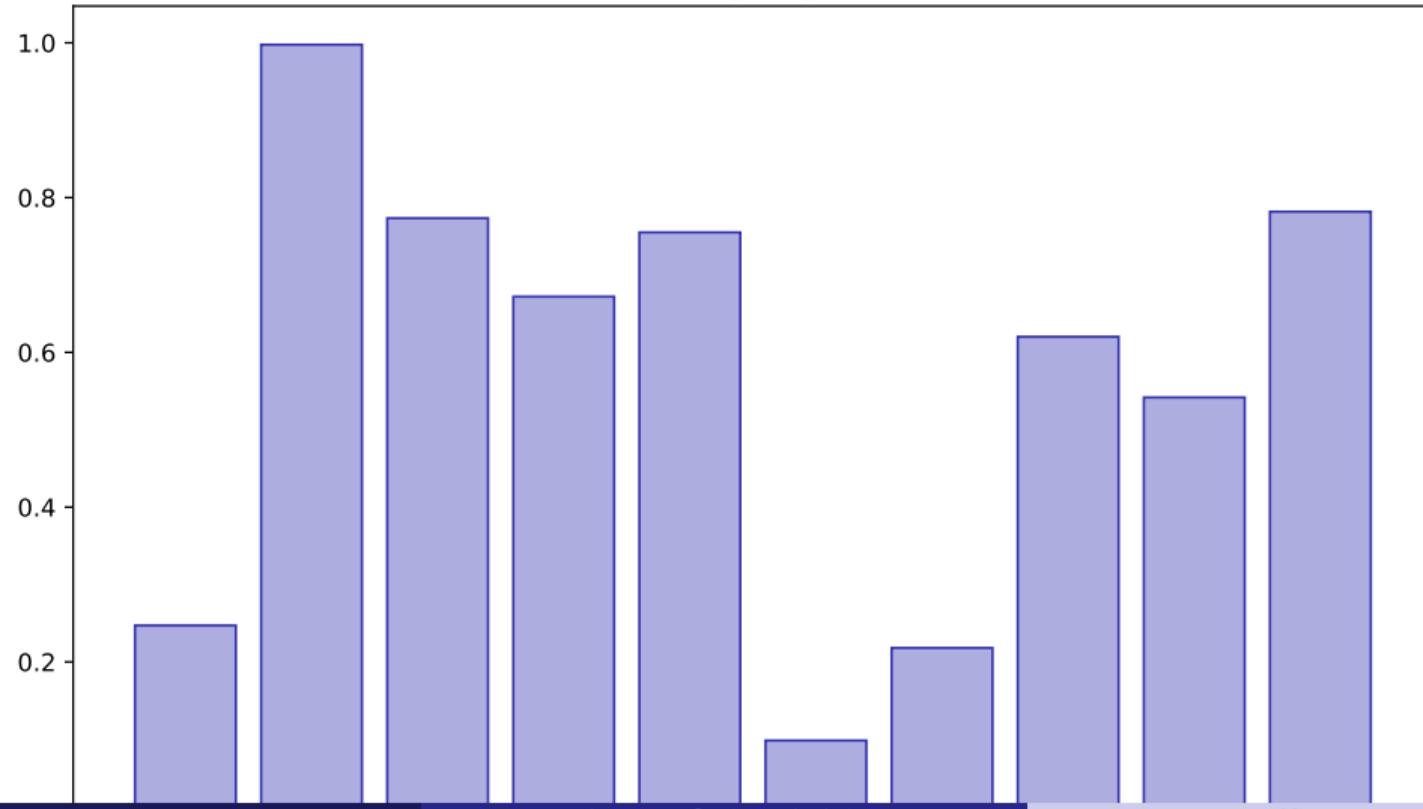
### Time Series Sentiment



## News Sentiment



## Trading Signals



## Lesson Summary

### Key Takeaways:

- Apply VADER sentiment
- Use FinBERT for finance
- Build sentiment classifiers
- Analyze market sentiment

Apply these skills in your final project