

Press Release Analyzer

Dallin Marshall

What & Why

- Can changes in stocks be predicted by examining press releases?
- Use natural language processing to ascertain sentiment of articles.



Demo

- Train Naive Bayes NLTK Feature Filter with Official AAPL Press Releases
- Pull RSS Feed about AAPL
- Extract Features from new Articles
- Predict Stock Change From Today's Content
- **What is the prediction for AAPL stocks today?**

Progress/Goals

Parts Completed

- NLTK Feature Extraction
- Naive Bayes Filter initial Training.
- Stock Prediction based on Training Set

Next Stages

- Learning
- Test with Real Time Data
- Measure Improvement Over Time