

Press Release Analyzer

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What & Why

- Are there other ways to predict stock trends outside number crunching?
- Can changes in stocks be predicted by examining press releases?



How

- Scrape Apple Press Releases
- Split into Training Set
- Natural Language Tool Kit to Extract Features
- Use Neural Network to find Correlations between Features and Sentiment
- Apply to Real Time RSS Feeds about Company of Choice

Demo/Goals

Parts Completed

- Pull Stock data for given Stock Symbol
- Canned Files and Training Set Split
- Pull RSS feeds for Stock Symbol

Next Stages

- NLTK Feature Extraction
- Encode Features for Neural Network
- Train
- Test with Real Time Data