Outline: Mid Term Project Presentation

1. Project Name + Team
2. Introduction (Abstract)
3. EMH
4. Type of data : General World News, Financial News, Social Media
5. Data Collection : Sources – Reddit News Headlines, New York Times, Twitter API
6. Data Collection Model
7. Current Parameter : DJIA (also explanation)
8. Overall flow diagram
9. NLP Methods – Bag of Words, n-grams, tf-idf, word stemming, POS tagger etc.
10. \* Sentiment Analysis: Sentiment dictionary creation, sentiment scoring etc.
11. Current Implementation (without sentiment analysis)

* Without text preprocessing : Logistic Classifier, SVM, Decision Tree, Naïve Bayesian Classifier
* With text preprocessing : Logistic Classifier, SVM, Decision Tree, Naïve Bayesian Classifier

1. Future Plan of Action :

* Sentiment Model Implementation
* Implementation for other parameters: commodities, company stocks etc.
* Tackling the effect of news sentiment analysis on (T+1) day.
* Social Media data collection and implementation

1. Thank You Slide with GitHub Link