

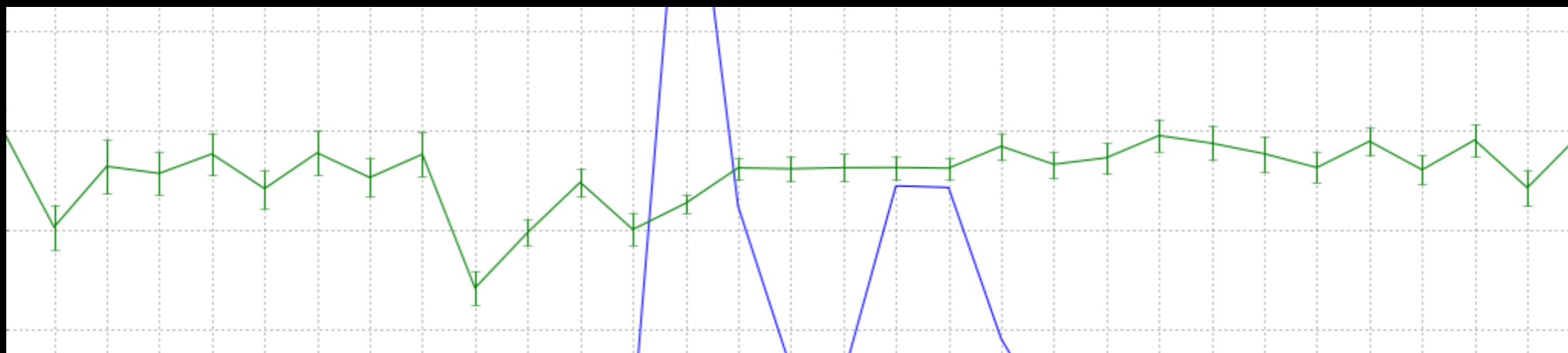
INST728E - MODULE 8

SENTIMENT ANALYSIS

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MODULE 8

SENTIMENT ANALYSIS



MULTIPLE WAYS OF CLASSIFYING SENTIMENT

- Static Dictionaries
 - "Angry" - polarity score of -1
 - "Ecstatic" - polarity score of +1
 - "Metaphor" - polarity score of 0
- Find average per-word polarity score to determine a message's sentiment

MULTIPLE WAYS OF CLASSIFYING SENTIMENT

- Document-Based Classification
 - "This movie was awesome!" - score +1
 - "This movie was terrible. :(" - score -1
- Use machine learning to predict sentiment scores from the message's text

MODULE 8 HOMEWORK

FILL OUT AND SUBMIT MODULE NOTEBOOK

- Plot sentiment over time for mentions of your disaster
- Find most extreme tweets by sentiment

JUPYTER NOTEBOOK EXAMPLE