

News As A Predictor

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Project Description

Impact of Fake or Negative News on Elections

Use tones in media to predict domestic and international conflicts

Predict the happiness of a population spread to surrounding communities

Prior Work

Leetaru, Kalev (May 29, 2014). "**Did the Arab Spring Really Spark a Wave of Global Protests? The world may look like it's roiling now, but the 1980s were far worse.**". *Foreign Policy*. Retrieved June 2, 2014.

Yonamine, James E. "**A nuanced study of political conflict using the Global Datasets of Events Location and Tone (GDELT) dataset**". Retrieved June 2, 2014.

Keating, Joshua (April 10, 2013). "**What can we learn from the last 200 million things that happened in the world?**". *Foreign Policy*. Retrieved June 2, 2014.

Dataset

Global Database of Events, Language, and Tone

"an initiative to construct a catalog of human societal-scale behavior and beliefs across all countries of the world, connecting every person, organization, location, count, theme, news source, and event across the planet into a single massive network that captures what's happening around the world, what its context is and who's involved, and how the world is feeling about it, every single day."

<http://data.gdeltproject.org/gkg/index.html>

<http://data.gdeltproject.org/events/index.html>

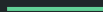
Proposed Work

Data Cleaning

Attribute Subset Selection

Histogram

Clustering



Tools



Scalability and Flexibility



Network Visualization



Evaluation of Results

Classify the top 10 happy factors over the time

Predict protest rate and virtualize the average society stability, quantity of positive news, and the happy factors over the time