Unveiling of The Twitter Distillation Tool
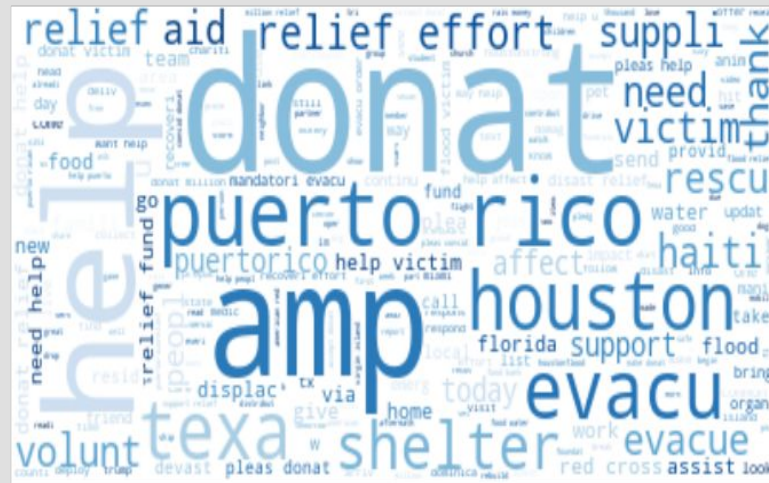
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Brett Zimmerman

Agenda

- Introduction
- Sentiment Analysis
- XLNet
- Model Overview
- Results
- Next Steps

Why I Made this Tool

Help people stuck in natural or unnatural disasters navigate Twitter for information that can help their survival

Fuse the power of Natural Language Processing with my own experience to better our future

The Power of Sentiment Analysis

How XLNet Changes the Game

XLNet builds on already high tech models pre trained by researchers and PHDs

Bidirectional Context

The XLNet Model

It can be deployed as an app

Use Twint to collect Tweets on a topic that
automatically runs through the model

The model will output several files of Tweets where
each file is a class ot Tweets.

Next Steps

Host on a web server

Widespread implementation

Thank you!
Questions?