

Unveiling of The Twitter Distillation Tool

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Agenda

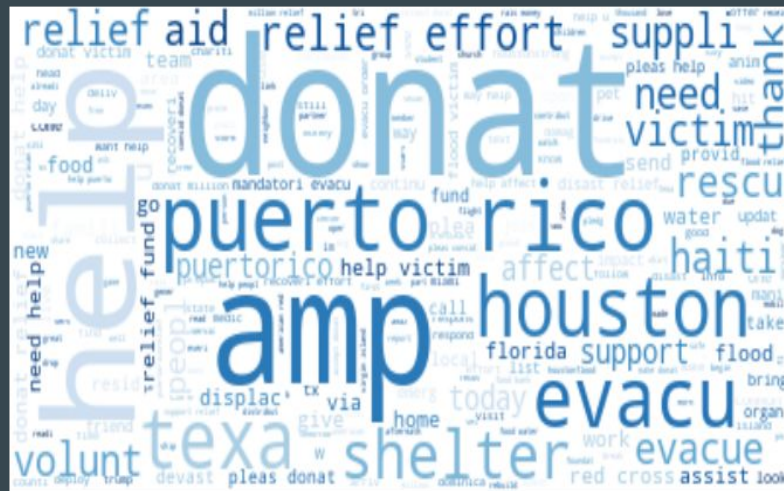
- Introduction
- RoBERTa
- Model Overview
- Results
- Next Steps

Why I Made this Tool

Tweets that
have to do
with danger

- People who are stuck in extreme events can navigate Twitter for information related to their well being
- Fuse the power of Natural Language Processing with my own experiences

Tweets that
have to do
with relief/aid

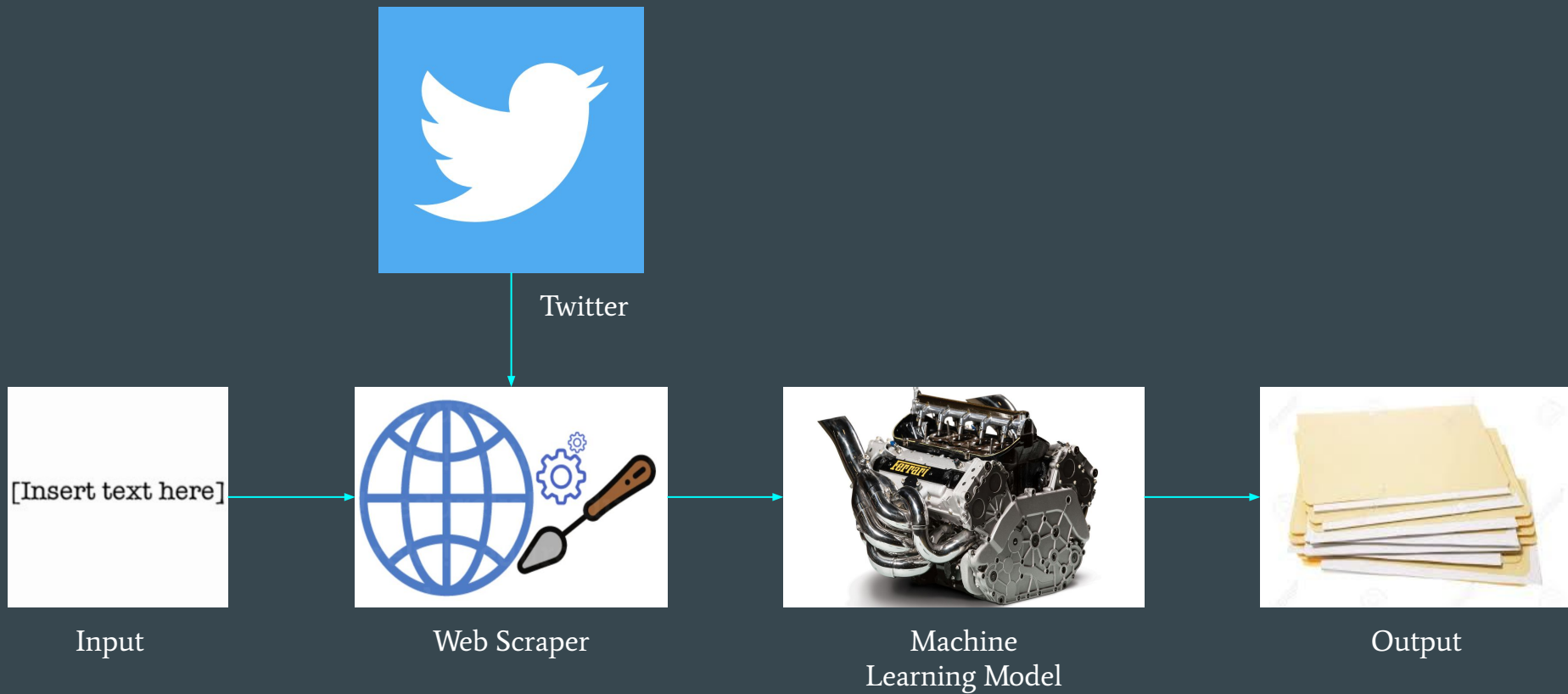


The Power of RoBERTa

- NLP model developed by Facebook and released in 2019
- Robustly Optimized Bidirectional Encoder Representations from Transformers Approach
- Achieved 81% accuracy over four classes of data: Relief, Danger, Emergencies, Other



Model Overview



Next Steps

- Implement web app
- Host on a web server
- Widespread implementation

Thank you!

Questions?



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