Title

Eyewitness Disaster Reports On Twitter: Hurricane Irma

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DATA (HTTPS://MAKE.FIGURE-EIGHT.COM/JOBS/1296096/UNITS)

dcaragea@ksu.edu

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STATUS
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Eyewitness Disaster Reports On Twitter: Hurricane Irma

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(/jobs/1296096/settings/channels)

👁 Preview (https://make.figure-
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READ THE DOCS

Code Editor Guide
(https://success.figure-
eight.com/hc/en-
us/articles/201855649)

Code Editor Tips
(https://success.figure-
eight.com/hc/en-
us/articles/206224156-Tips-and-
Tricks-for-the-Code-Editor)

Custom Markup Language

Instructions

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Overview

Classify the source of the information reported in a tweet.

In this task, you will be presented with Twitter messages in English language, posted during the **Hurricane Irma** tropical cyclone that generated over the Atlantic and hit the northeastern Caribbean (https://en.wikipedia.org/wiki/Caribbean), Florida Keys (https://en.wikipedia.org/wiki/Florida_Keys) and finally the continental United States (https://en.wikipedia.org/wiki/Contiguous_United_States) on September 10, 2017 and made an estimated total $64.76 billion damage during 2 weeks.

The tweets mostly report about damage or response activities following **this** natural disaster. However, they may potentially contain information about other, co-occurring disasters people talk about on Twitter, or even mere expressions of the feelings and opinions, sympathy or hate, complaints, or even statements about disasters in general. We underline that **only factual information about Hurricane Irma** and the overall situation following its impact is considered as relevant here, while the latter type of content is to be discarded as irrelevant and not further classified.

Once you evaluated a tweet as **relevant**, you are asked to judge what is the **source** of the information reported in the tweet, based on the **text** and any relevant **background** information (which kind of **user** posted it, from **where**, whether is a **re-tweet** or not, etc.). The possible sources of the information fall into two main categories: **Eyewitness,** that is people directly affected by the disaster as

well their family, friends, neighbors, or **Non-Eyewitness,** which includes local/national authorities, as well as non-governmental organizations, companies, all kinds of media from radio stations, TV channels and news sites, or even outsiders.

We provide:

- a link to the tweet

Process:

1. Try to access the tweet by clicking on the link, and if accessible assess whether it is relevant to the topic, that is whether the tweet is reporting **facts** about the **Hurricane Irma** disaster;
2. For tweets reporting **facts** about the **Hurricane Irma** disaster, estimate whether the **source** of the information content of the tweet is an Eyewitness or not.

Rules & Tips

Posts reporting **facts** about the **Hurricane Irma** disaster can be classified according to the following definitions:

- **Eyewitness**: information originating from eyewitnesses (bystanders) of the event or of response/recovery operations, or from their family, friends, neighbors, etc.
- **Non-Eyewitness**: information not originating from eyewitnesses of the event. This includes information originating from the local or national administration, from non-governmental organizations or from a for-profit business, or coming from Media sources such as TV, radio, news organizations, web blogs, or journalists, or even from outsiders, that is individuals that are not personally involved/affected by the event.

Examples

Example 0.1 : Irrelevant, Uninformative tweets (to be discarded and not labeled with respect to the source of information reported): *"@hudd07 true story, I survived a tornado in 2006. it skipped over the store I was managing or I'll be dead now. Destroyed and killed a man"*

Example 0.2: Irrelevant, Uninformative tweets (to be discarded and not labeled with respect to the source of information reported): *"Happening right now. Food distribution by @BDRCS1 (https://myremote.ec.europa.eu/owa/,DanaInfo=.arfoID1kiujswLrqOu.979vV1G,SSL+redir.aspx? C=oiRVu8pJJxDCxq42sumaPzRVUiPTcbQ8rrRXJ1dnvPQawgerFVjVCA..&URL=https%3a%2f%2ftwitter.com%2fBDRCS1) to 650 ppl on an island near Sirajganj. Rice, dal, oil, semolina etc #Bangladesh (https://myremote.ec.europa.eu/owa/,DanaInfo=.arfoID1kiujswLrqOu.979vV1G,SSL+redir.aspx?C=4sD4Zm38l91zkh-XGbLjsgDAuYQP9I_JVaY8EvQGYroawgerFVjVCA..&URL=https%3a%2f%2ftwitter.com%2fhashtag%2fBangladesh%3fsrc%3dhash)#floods (https://myremote.ec.europa.eu/owa/,DanaInfo=.arfoID1kiujswLrqOu.979vV1G,SSL+redir.aspx?C=xF3w4fmmerL-fgCiuwdLd-avViWnXsisJ4zr8wMB1-kawgerFVjVCA..&URL=https%3a%2f%2ftwitter.com%2fhashtag%2ffloods%3fsrc%3dhash)"*

Example 0.3: Irrelevant, Uninformative tweets (to be discarded and not labeled with respect to the source of information reported): *My thoughts and prayers are with the **#Cuban** (https://twitter.com/hashtag/Cuban?src=hash) people ⚡ "**#HurricaneIrma** (https://twitter.com/hashtag/HurricaneIrma?src=hash) continues destructive path in Cuba"*

Example 1: Eyewitness *Trees all over the place between 9100 block and 9800 block of Cortez Road in Cortez. **#HurricaneIrma** (https://twitter.com/hashtag/HurricaneIrma?src=hash)**#IrmaBradenton** (https://twitter.com/hashtag/IrmaBradenton?src=hash)*

Example 2: Eyewitness *There are thousands of senior home evacuees in our hotel so...heres me dining with all my new friends! #Irma2017 (https://twitter.com/hashtag/Irma2017?src=hash)#HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash)*

Example 3: Eyewitness *The storm surge in Key West right now is crazy and **#Irma** (https://twitter.com/hashtag/Irma?src=hash) hasn't even made landfall. #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash)*

Example 4: Eyewitness   *Friends telling me that power is out in #Orlando. Trees down. Lakes overflown in MCO area. Winds are still strong. #HurricaneIrma #Florida*

Example 5: **Eyewitness**   *The rain continues as #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash) makes its way up the coast. My little sister is sending me pictures and videos of Gainesville, #Florida (https://twitter.com/hashtag/Florida?src=hash)*

Example 6: Non-Eyewitness (source is Government) *Information for U.S. Citizens affected by #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash) at home and abroad. Stay safe and be prepared!*

Example 7: Non-Eyewitness (source is Government) *If your home has been seriously damaged or you have exp'd losses from #hurricaneirma (https://twitter.com/hashtag/hurricaneirma?src=hash), register with #fema (https://twitter.com/hashtag/fema?src=hash) @ http://disasterassistance.gov (https://t.co/AOgpsIE5Ji)*

Example 8: Non-Eyewitness (source is an NGO) *Donations to SVCF's #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash)#relief (https://twitter.com/hashtag/relief?src=hash) fund will support recovery efforts of vetted local & international orgs: https://t.co/N779ZXHaGK (https://t.co/N779ZXHaGK)*

Example 9: Non-Eyewitness (source is an NGO) *Today we are airlifting emergency relief supplies to #StMaarten (https://twitter.com/hashtag/StMaarten?src=hash) to help 2000 families devastated by #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash).*

Example 10: **Non-Eyewitness** *(source is Media) Mountains of donations for pets displaced by #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash) at @atlantahumane (https://twitter.com/atlantahumane) emergency shelter in Roswell http://on-ajc.com/2w0S1M1 (https://t.co/OMoGnwxvTz)*

Example 11: Non-Eyewitness (source is Media) *Almost half of #Sarasota (https://twitter.com/hashtag/Sarasota?src=hash) County is without power - 112,000 people. In #Manatee (https://twitter.com/hashtag/Manatee?src=hash) Co, nearly 41,000 people are w/o power. #FPL (https://twitter.com/hashtag/FPL?src=hash)#HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash)*

Example 12: Non-Eyewitness (source is Media) *Flooding from #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash) is a big problem right now. This is the parking lot outside @brevardeoc (https://twitter.com/BrevardEOC). UPDATES: http://spcne.ws/qn5zmB0 (https://t.co/mi43y5Zq1f)*

Example 13: Non-Eyewitness (source is a business) *For the safety of clients & staff, all locations will remain closed today. Please check back later for an update. Thank you. #hurricaneirma (https://twitter.com/hashtag/hurricaneirma?src=hash)*

Example 14: Non-Eyewitness (source is a business) *To keep our employees and customers safe, we're closed today due to #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash). Please take precautions.*

Example 15: Non-Eyewitness (source is a business) *We're closed Mon., Sept. 11 due to the impact in our area from #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash). Open a ticket online http://support.diditbetter.com (https://t.co/JUqBrTCyzj)*

Example 16: Non-Eyewitness (source is an outsider) 🆘 *Please if anyone can help or support with animal rescue in this #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash) Facebook group* 🆘 *>>>*

Example 17: Non-Eyewitness (source is an outsider) *5:00 am #HurricaneIrma (https://twitter.com/hashtag/HurricaneIrma?src=hash) moving north as Cat. 1 max gust winds 75mi. Please be Safe #FloridaStrong (https://twitter.com/hashtag/FloridaStrong?src=hash)#PrayingforFlorida (https://twitter.com/hashtag/PrayingforFlorida?src=hash)#FloridaSeLevanta (https://twitter.com/hashtag/FloridaSeLevanta?src=hash)#FPL (https://twitter.com/hashtag/FPL?src=hash)*

Example 18: **Non-Eyewitness** *(source is an outsider) Drive to WV. Leave for safety. Plenty of places and open arms from West Virginians... #IrmaHurricane2017 (https://twitter.com/hashtag/IrmaHurricane2017?src=hash)#Florida (https://twitter.com/hashtag/Florida?src=hash)*