

A tool for assessing fact-checked information spread on Twitter

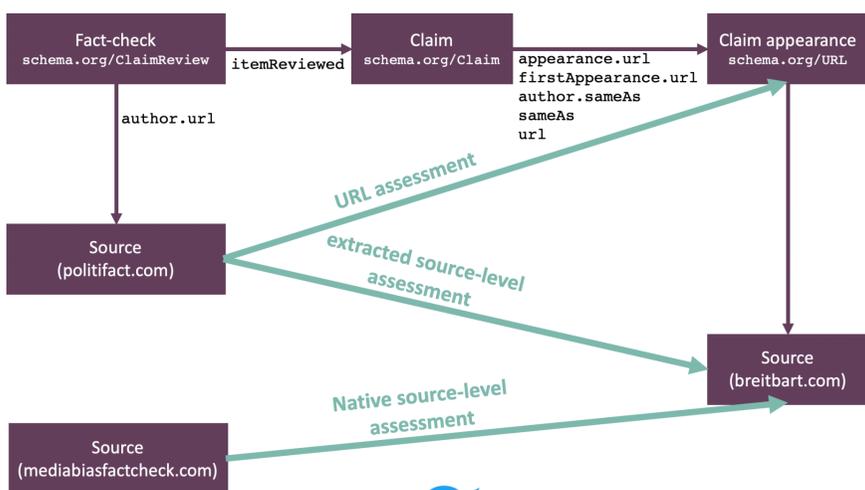


MisinfoMe

- Analyses URLs shared on Twitter assessed by reputable fact-checkers
- Credibility check of the users' Twitter feed for self-reflection
- Credibility check of Twitter public profiles
- Network analysis regarding misinformation spread

Credibility Engine

Aggregates and compares, from different sources, credibility signals of Websites (domains), Twitter and Facebook pages that published debunked claims or URLs. The processing is performed using semantic annotations.



Sources of Credibility Assessment

MisinfoMe dataset includes:

Fact-checkers



Data annotated by fact-checkers using the **ClaimReview** standard. Our database currently contains over 20K entries of fact-checked information.

```

{
  "@context": "http://schema.org",
  "@type": "ClaimReview",
  "author": { "@type": "Organization", "url": "https://www.politifact.com/" },
  "claimReviewed": "President Donald Trump hasn't condemned David Duke and Richard Spencer.",
  "datePublished": "2019-08-26",
  "itemReviewed": { "@type": "Claim", "firstAppearance": {
    "url": "https://www.facebook.com/TID/videos/358402408404240/" },
  "reviewRating": { "alternateName": "Mostly False", "ratingValue": "3" },
  "url": "https://www.politifact.com/truth-o-meter/statements/2019/aug/27/joe-biden/biden-wrong-when-he-says-trump-hasnt-condemned-dav/" }
}
  
```

Trustworthiness assessment tools

Reputation scores attributed by existing tools in terms of credibility, trust, transparency, etc.



More info: <http://oro.open.ac.uk/62771/>

Main Features



Profile Assessment

The tweets of a public profile are retrieved and the URLs shared are assessed in terms of:

- Debunked URLs
- Low credibility sources

@realDonaldTrump
45th President of the United States of America

7853 Tweets analysed
1044 Web links found in the tweets

Credibility
11 fact-checking organisations have reviewed the tweets from this profile. Out of the fact-checks, 86 have a negative outcome.
4 links with low credibility
142 Tweets containing 7 sources with low credibility.

As a source
This profile has been reviewed directly as a source of information.
This component of the score comes from established Fact-Checkers and other organisations.

Links shared
This part of the score comes from the links shared.
We have a list of URLs that have been assessed by fact-checkers.

Sources used
This part of the score comes from the sources used in the tweets.
For each of the sources we look at its credibility.

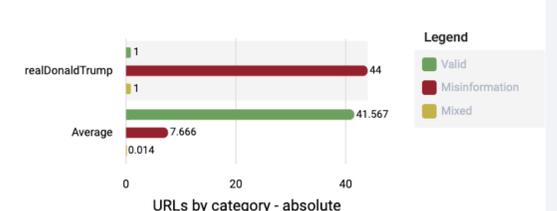
Network of friends

The profile analysis is expanded to the network. It assesses the content users are exposed to from their friends. The credibility score is calculated for each friend, based on the detected misinformation they have shared.



Comparison with the average

Users' credibility score is compared with the average for all MisinfoMe users, providing a reference whether they are spreading more or less misinformation than other people.



realDonaldTrump has spread more misinformation than the average of our users



Are you interacting with misinformation?
Find it out at: <https://misinfo.me/>

