The problem of unchecked claims is exacerbated on social media. Fact-checking every social media post is not possible due to:

- Laborious and intellectually demanding process
- Limited resources
- Sheer volume of data

Assist users to sift through factual claims in tweets.

Allows users to customize their search with a variety of filtering conditions:

- Keywords, dates, Twitter handles, hashtags, user mentions, claim types, and check-worthiness score.

Provides simple but intuitive analytics and visualizations.

Presents similar fact-checks for a user-selected tweet.

Claim Portal: Integrated Monitoring, Searching, Checking, and Analytics of Factual Claims on Twitter

Sarthak Majithia, Fatma Arslan, Sumeet Lubal, Damian Jimenez, Priyank Arora, Josue Caraballo, Chengkai Li
The University of Texas at Arlington

Motivation

What does ClaimPortal do?

ClaimPortal GUI

<table>
<thead>
<tr>
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Claim Portal System Architecture

Claim Type Detection

Task: Classifying tweets based on the types of factual claims they promote.

- Employed a sub-collection of FrameNet frames.
- Created several new factual-claims related frames.
- Adopted ACE event types as claim types.
- Utilized the study of mapping frames to event types (Spiliopoulou et al., 2017).
- Introduced four new event types with their mapped frames.
- Used open-sesame for frame detection.

System

https://idir.uta.edu/claimportal/

Funding