FakeNewsTracker: A Tool for Fake News Collection, Detection, and Visualization

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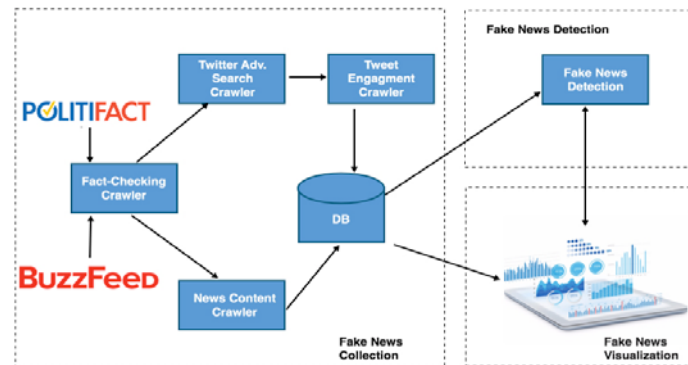**Arizona State University**
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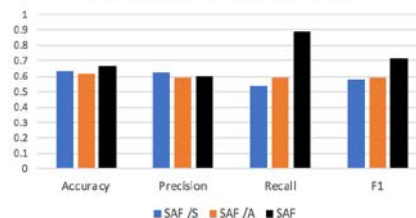
Motivation:

- Fake news problem is attracting attention due to its social impact and adverse effects.
- Detecting fake news is challenging due to inadequate data and its temporal evolving nature.
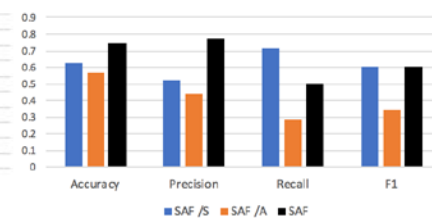
Contributions:

- An end-to-end framework for the fake news collection, detection and visualization
- An ability to collect fake news pieces and corresponding social context in a streaming manner
- A detection mechanism using temporal social engagements and news content

Performance on PolitiFact dataset

Performance on BuzzFeed dataset

Welcome to our poster session!