

"In Search of the Real Fake News"

A text classification system for predicting whether a news article is real or fake Final Project

2020 October 14



Jaakko Kuurne



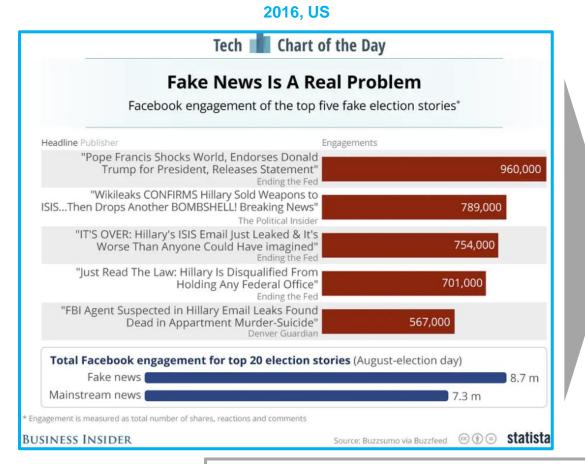
Teemu Pöyhönen



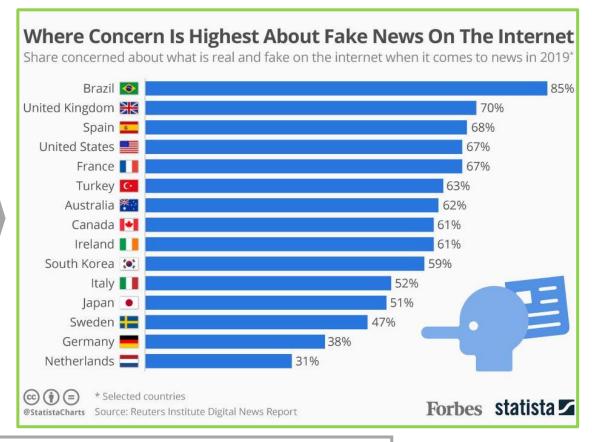
Dean Rahman

"As Fake News Spreads Lies, More Readers Shrug at the Truth"-- New York Times

To understand the importance of fake news in the upcoming US and worldwide elections, we have to look only at what happened in the last US Presidential election



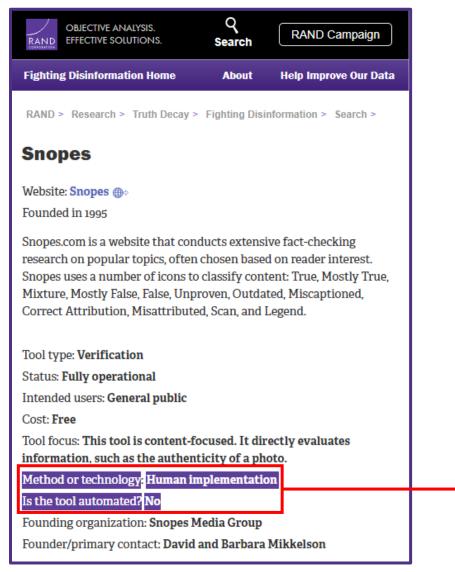
2019, Worldwide



The problem has gotten worse and it is far from a US-only problem

The disinformation is manually detected by human truth warriors

but they are surprisingly few in number for such a critical problem

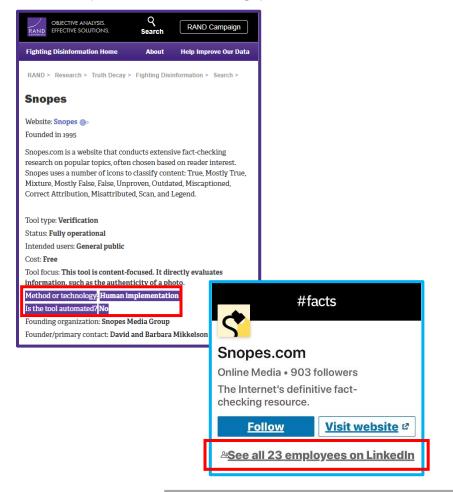


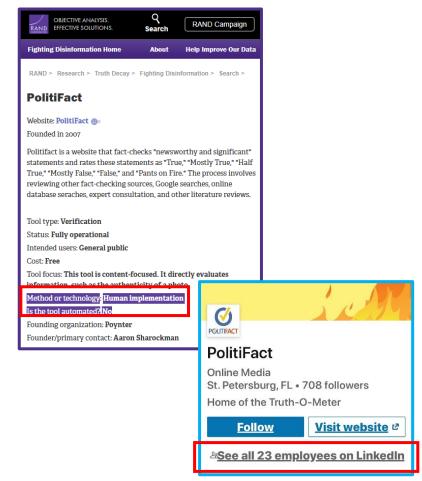


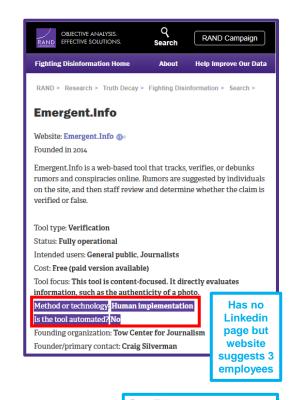
There are fewer than 40 US truth warrior organizations, most operating WITHOUT automation, with only 3-23 human employees

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Credits Founder/Editor: Craig

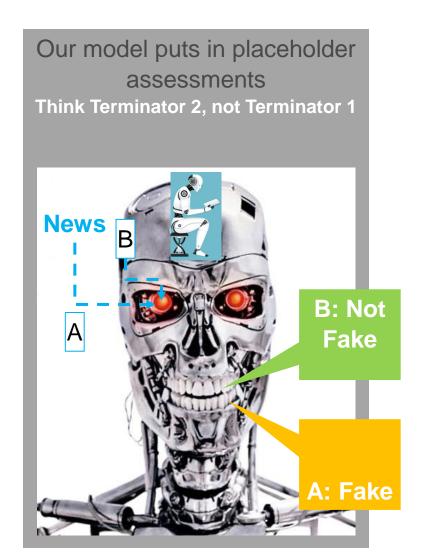
Founder/Editor: <u>Craig Silverman</u>
Lead Developer: <u>Adam Hooper</u>
Design and Interaction: <u>Normative</u>
Research Assistant: Joscelyn Jurich

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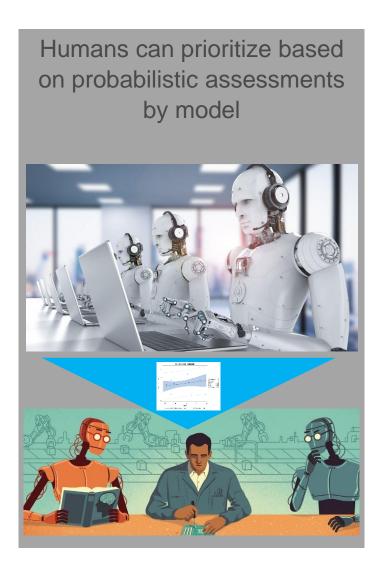


We seek to extend the efforts of the few human warriors through automation

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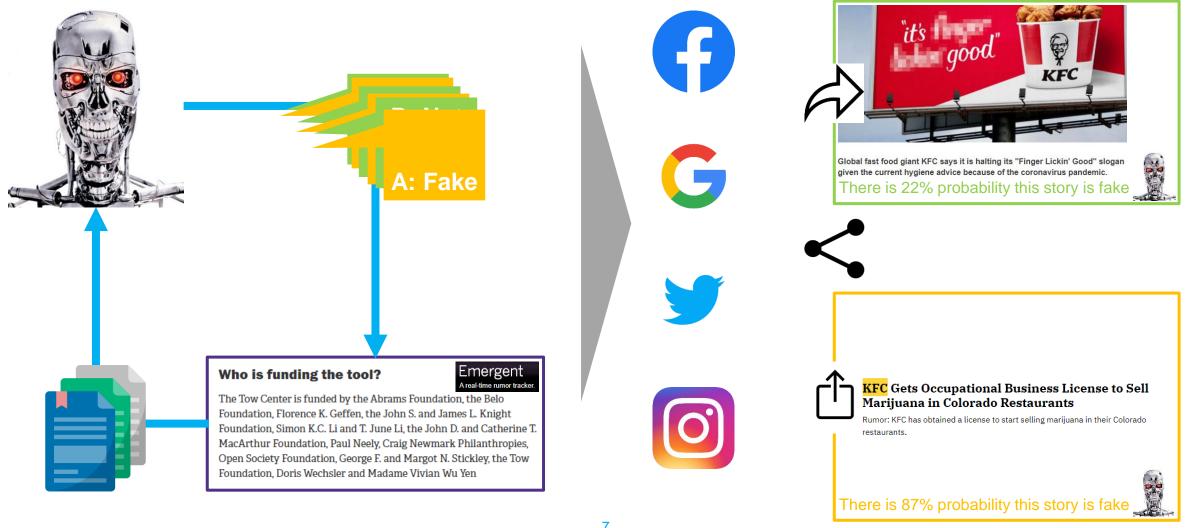






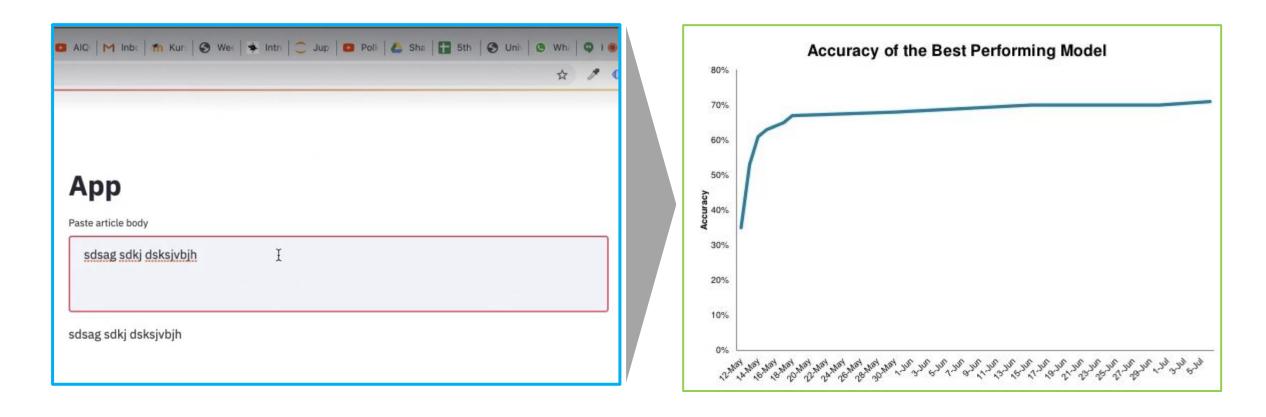
Commercialization

Our app available for free to non-profit orgs in exchange for gold label data to continually improve our model Our app then extended (for pay) to for-profit social media/news outlets, automatically certifying shared content



Picture Our Concept

To become an established brand, we enable social/media news consumers to paste in an article URL or simply the text in order to obtain our assessment



Articles with URLs along with our assessments are collected to chart our accuracy over time