Imagining Future(s) of AI-Driven Storytelling

March 24, 2023 Sachita Nishal

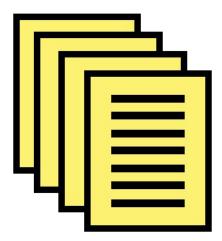


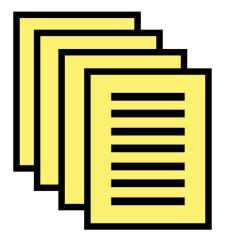
Computational Journalism Lab



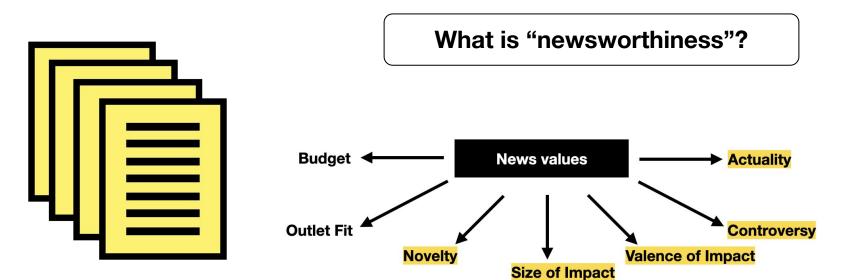
What we are trying to support

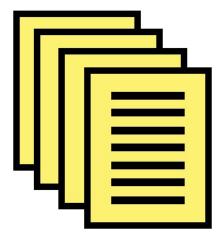
Story detection in a way that is reliable, easy to verify, flexible, and is sensitive to journalists' time constraints





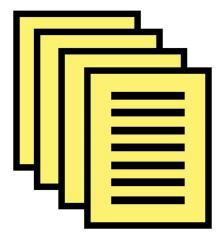
What is "newsworthiness"?





What is "newsworthiness"?

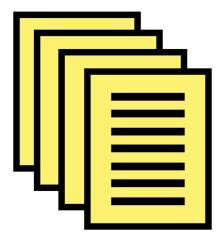
Train and validate models



What is "newsworthiness"?

Train and validate models

Journalists' information needs?

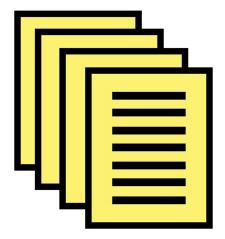


What is "newsworthiness"?

Train and validate models

Journalists' information needs?

User interface and controls?



A set of documents in some topic area

What is "newsworthiness"?

Train and validate models

Journalists' information needs?

User interface and controls?

Personalization?

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Domain: investigative journalism around the use of algorithms in government

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Surprising, Unusual, or Unexpected

Domain: investigative journalism around the use of algorithms in government

Automated evaluation for

"relevance"

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> Surprising, Unusual, or Unexpected

Domain: investigative journalism around the use of algorithms in government

Automated evaluation for

"relevance"

Crowdsourced ratings of newsworthiness based on specific **news values**

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Domain: investigative journalism around the use of algorithms in government

Automated evaluation for

"relevance"

Crowdsourced ratings of newsworthiness based on specific **news values**

Eight-week long deployment

NYT Comment Section (2021)

NYT Comment Section (2021)

Query by Example

Please write an example experience here you are interested to investigate.

Then click the "Refresh The Ranking" button below to rank the posts in comparison to your example.

I am an immigrant and I came here many years ago to attend university. I once made a comment about a school shooting and one of my other classmates said "go back to your own country" ...

Results Ranking

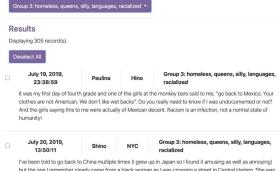
The default ranking is based on how typical a post is, from most typical posts to least typical posts.

Re-ranking will be based on the similarity to the query example, and/or to selected posts.



Filter by Groups

You may optionally select a grouping to filter the data. The groups are calculated on how similar the comments are to each other.



The been too to go oack to china multiple times (grew up in Japan so Houno it amusing as well as annoying) but the one I remember clearly came from a black woman as I was crossing a street in Central Harlem. She was angy and screaming and J just happened to cross the street at the same time. Internalized racism does live in all of us. We have so much work to do.

Domain: general news reporting based on user comments

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Group 3: homeless, queens, silly, languages, racialized

Results

Displaying 305 record(s).

Deselect All

July 19, 2019, 23:38:59 Paulina Hino Group 3: homeless, queens, silly, languages, racialized

It was my first day of fourth grade and one of the girls at the monkey bars said to me, "go back to Mexico. Your clothes are not American. We don't like wet backs". Do you really need to know if I was undocumented or not? And the girls saying this to me were actually of Mexican decent. Racism is an infection, not a normal state of humanity!

July 20, 2019, 13:50:11 Shino NYC Group 3: homeless, queens, silly, languages, racialized

I've been told to go back to China multiple times (I grew up in Japan so I found it amusing as well as annoying) but the one I remember clearly came from a black woman as I was crossing a street in Central Harlem. She was angry and screaming and I just happened to cross the street at the same time. Internalized racism does live in all of us. We have so much work to do.

NYT Comment Section (2021)

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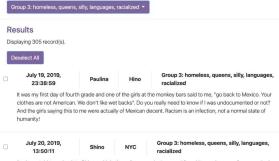
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Automated evaluation for

"representativeness" of user comments, outliers, and clusters

NYT Comment Section (2021)

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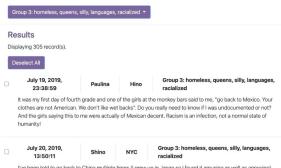
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Automated evaluation for

"representativeness" of user comments, outliers, and clusters

Interviews for **problem-finding** and initial **evaluation**

Science News Discovery (2022)

Science News Discovery (2022)

Instructions

You can interact with the controls below to refine the recommendations of the tool.

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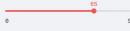
Filter on Date of Publication

Publication date for arXiv articles:

Last two months

Filter on Newsworthiness

Show articles with a newsworthiness score above:



Select News Outlets

Select one or more news outlets that you are	(?)
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Outlet Similarity

Newsworthiness

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In Alexa, We Trust. Or Do We? : An analysis of People's Perception of Privacy Policies

Date Published: Aug 31, 2022 Primary Category: Human-Computer Interaction

Potential news angles for framing this story:

- 1. Amazon's Alexa is Listening: Why You Should Be Concerned About Your Privacy
- 2. Amazon Alexa: Useful Tool or Big Brother in Disguise?
- 3. Is Amazon's Alexa Eavesdropping on Your Private Conversations?

Abstract:

Smart home devices have found their way through people's homes as well as hearts. One such smart device is Amazon Alexa. Amazon Alexa is a voice-controlled application that is rapidly gaining popularity. Alexa was primarily used for checking weather forecasts, playing music, and controlling other devices. This paper tries to explore the extent to which people are aware of the privacy policies pertaining to the Amazon Alexa devices. We have evaluated behavioral change towards their interactions with the device post being aware of the adverse implications. Resulting knowledge will give researchers new avenues of research and interaction designers new insights into improving their systems. Link to full arXiv article.

Domain: Science and Technology reporting

Instructions

You can interact with the controls below to refine the recommendations of the tool.

Filter on Date of Publication

Publication date for arXiv articles:

Last two months

Filter on Newsworthiness

Show articles with a newsworthiness score above:

65 0 95 Select News Outlets Select one or more news outlets that you are interested in writing for. Popular Science × • • Page 1 of 10

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Outlet Similarity

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Show articles with a newsworthiness score above: 65



Select News Outlets





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Domain: Science and Technology reporting

Automated evaluation for "newsworthiness" based on news values + GPT-3 for generating **news angles**

Science News Discovery (2022)

Instructions

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Page 1 of 10

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Domain: Science and Technology reporting

Automated evaluation for "newsworthiness" based on news values + GPT-3 for generating **news angles**

Surveys for problem-finding and **interviews** for evaluation



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- 6. The changes to the city's zoning rules could have a negative impact on the environment.
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Press release

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Main points of press release

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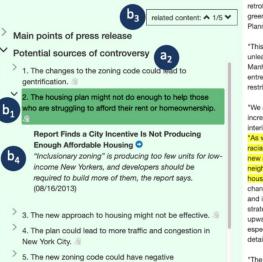
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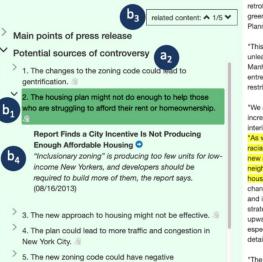
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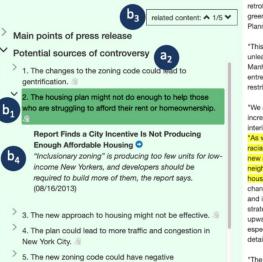
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Co-designed with journalists

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Co-designing is great!



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