

WikiNews



Providing context to daily headlines

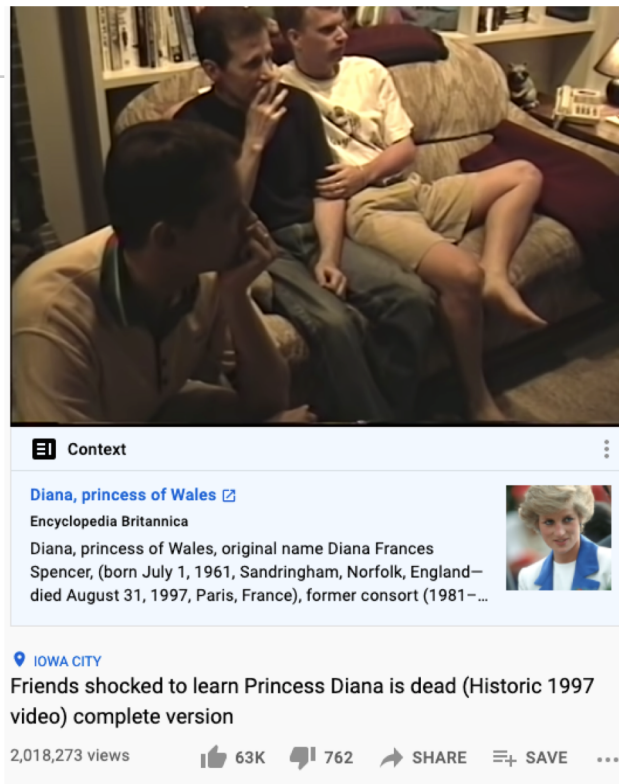


Mission

Provide **context** to daily headlines

Promote **slow news** consumption

Reduce bias and misinformation



WikiNews



<http://wikin-publi-10fjdrgo55h3-103376967.us-east-1.elb.amazonaws.com/>



Data

News API

```
{  
  'title': 'Prince Edward and Wife Sophie  
  Raise Eyebrows With Response to Prince  
  Harry and Meghan Markle's Tell-All -  
  E!NEWS'  
  'description': 'Prince Edward and Sophie,  
  Countess of Wessex joked they had no idea  
  who Oprah Winfrey was when asked about  
  Prince Harry and Meghan Markle's tell-all  
  interview.'  
}
```

Wikipedia API

```
{  
  'pageid': 20395872,  
  'title': 'Oprah Winfrey',  
  'extract': 'Oprah Gail Winfrey (born Orpah  
  Gail Winfrey; January 29, 1954) is an  
  American talk show host, television  
  producer, actress, author, and  
  philanthropist. She is best known for her  
  talk show, The Oprah Winfrey Show,  
  broadcast from Chicago, ...'  
}
```



Algorithm

1: Match news articles with Wikipedia articles

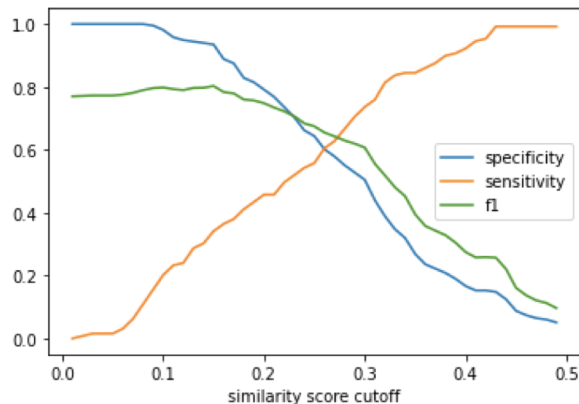
Spacy Named Entity Recognition

2: Filter out irrelevant matches

Cosine similarity between vector representations of Wikipedia summary and News content

Filter out matches with low similarity score

Prince Edward and Wife Sophie Raise Eyebrows With **Response** **ORG** to Prince **Harry** **PERSON** and **Meghan Markle's** **PERSON** Tell-All - E! NEWS Prince Edward and **Sophie** **ORG** , **Countess of Wessex** **ORG** joked they had no idea who **Oprah Winfrey** **PERSON** was when asked about **Prince Harry** **PERSON** and **Meghan Markle's** **PERSON** tell-all interview.





Insights:

Caught in a 'pickle,' millions of Americans might not have had an adequate response to the Covid-19 vaccine

Americans are the [citizens](#) and [nationals](#) of the [United States of America](#).^{[47][48]} Although citizens and nationals make up the majority of Americans, many [dual citizens](#), [expatriates](#), and [permanent residents](#) may also legally claim American nationality.^{[49][47][50][51]} The United States is home to people of [many ethnic origins](#). As a result, [American culture](#) and [law](#) does not equate nationality with [race](#) or [ethnicity](#), but with bona fide citizenship and an oath of [permanent allegiance](#).^{[52][53][54]}

Remove nationalities ('Americans', 'Israelis', 'Nigerians')

Remove too-common topics ('Donald Trump', 'Biden', 'GOP', 'Apple')

Detained Belarus dissident breaks down in state TV interview, renewing fears of coercion and torture

, "They broke him and forced him to say what was needed," Roman Protasevich's father, Dzmitry, said.

Roman Protasevich
Роман Протасевич
Раман Пратасевіч



Born Roman Dmitryevich Protasevich
5 May 1995 (age 26)^[1]
[Minsk](#),^[2] [Belarus](#)

Education [Belarusian State University](#)

Occupation Journalist · activist · photographer

Years active 2011–present

Organization [Nexta](#)

Movement [Young Front](#)

Partner(s) [Sofia Sapega](#)



Thank you!

Repo: <https://github.com/MSIA/2021-msia423-Ho-Sara-project>

My GitHub: <https://github.com/Sara-ShiHo>

Thank you Chloe, Fausto and Michael