

Engineering Transparency in the news

GenAI Zürich
2024-05-29

Robert Caulk, PhD & Elin Törnquist, PhD
CEO *Director of Transparency*

Team:

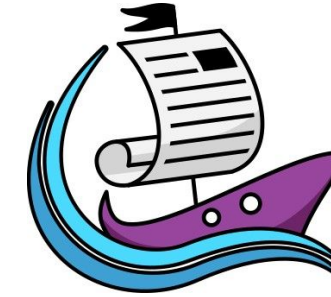
Timothy Pogue, Wagner Costa Santos, Emre Suzen



Our background

Engineers and Researchers committed to FOSS

- **Applying** AI to real-time adaptive modeling challenges
- **Scaling** software in all directions
- **Enriching** data for other businesses
- **Performing** research



AskNews

Demand transparent news.

<https://asknews.app>



Real-time cluster orchestration

<https://flowdapt.ai>



AI/ML for algo-trading

<https://www.freqtrade.io/en/stable/freqai/>



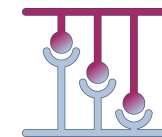
Data pipelining

<https://github.com/emergentmethods/datasieve>



Large-scale deep-learning for supercomputers

<https://melissa.gitlabpages.inria.fr/melissa/>



Manifest

Modern configuration

<https://github.com/emergentmethods/python-manifest>

FOSS 🤖

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DATASIEVE

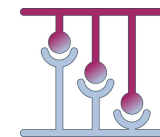
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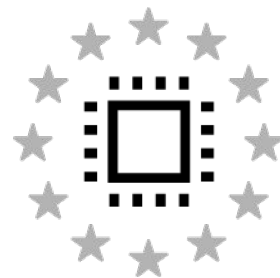
Why do we need to engineer
transparency in the news?



EU Artificial Intelligence Act



- Transparency Requirements:
 - Outlining news selection processes



**EU Artificial
Intelligence Act**

<https://artificialintelligenceact.eu/>



<https://futureoflife.org/>

EU Artificial Intelligence Act



- Transparency Requirements:
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 - Labeling AI generated content



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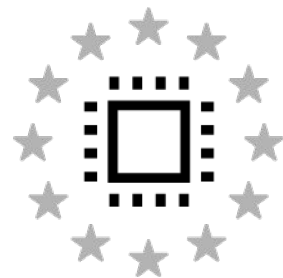


<https://futureoflife.org/>

EU Artificial Intelligence Act



- Transparency Requirements:
 - Outlining news selection processes
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 - Observing copyright law



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EU Artificial Intelligence Act



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EU Artificial Intelligence Act



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 - Disclosing bias and funding sources



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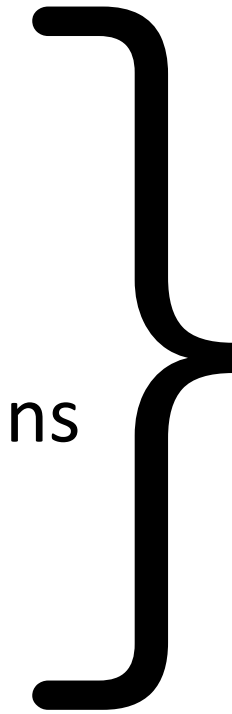


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These are
Insufficient!




**EU Artificial
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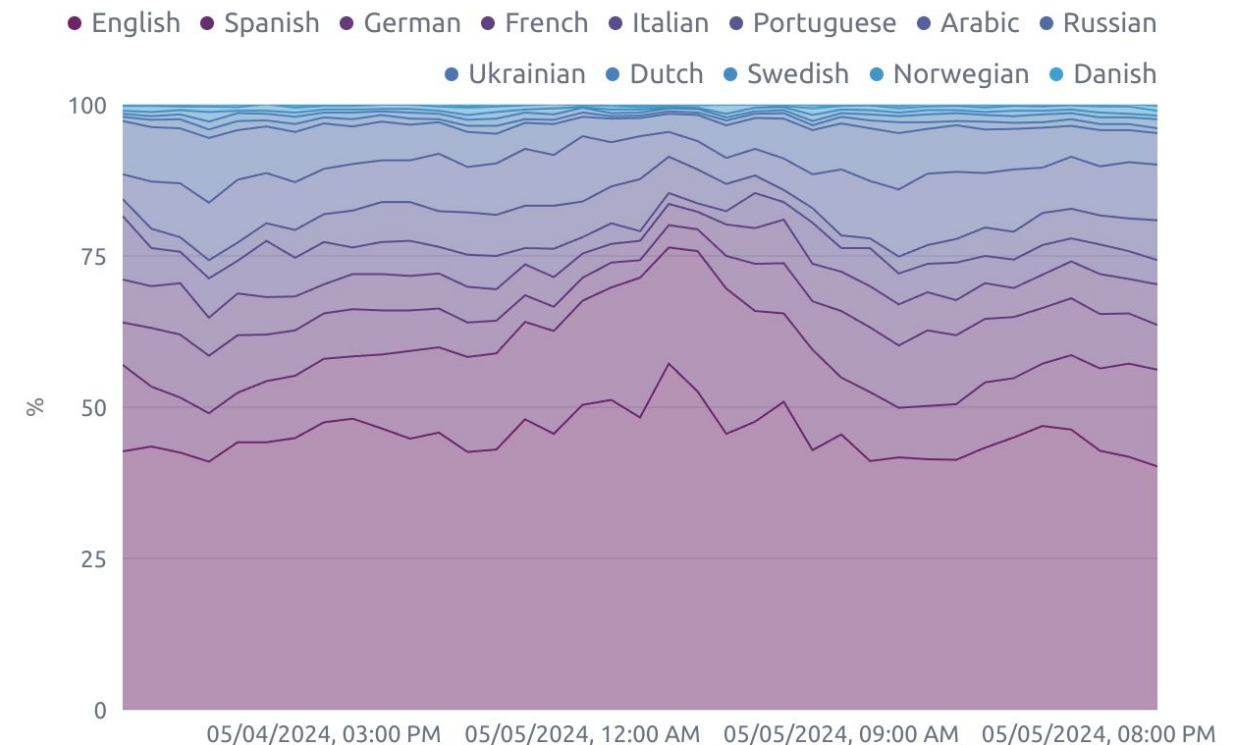
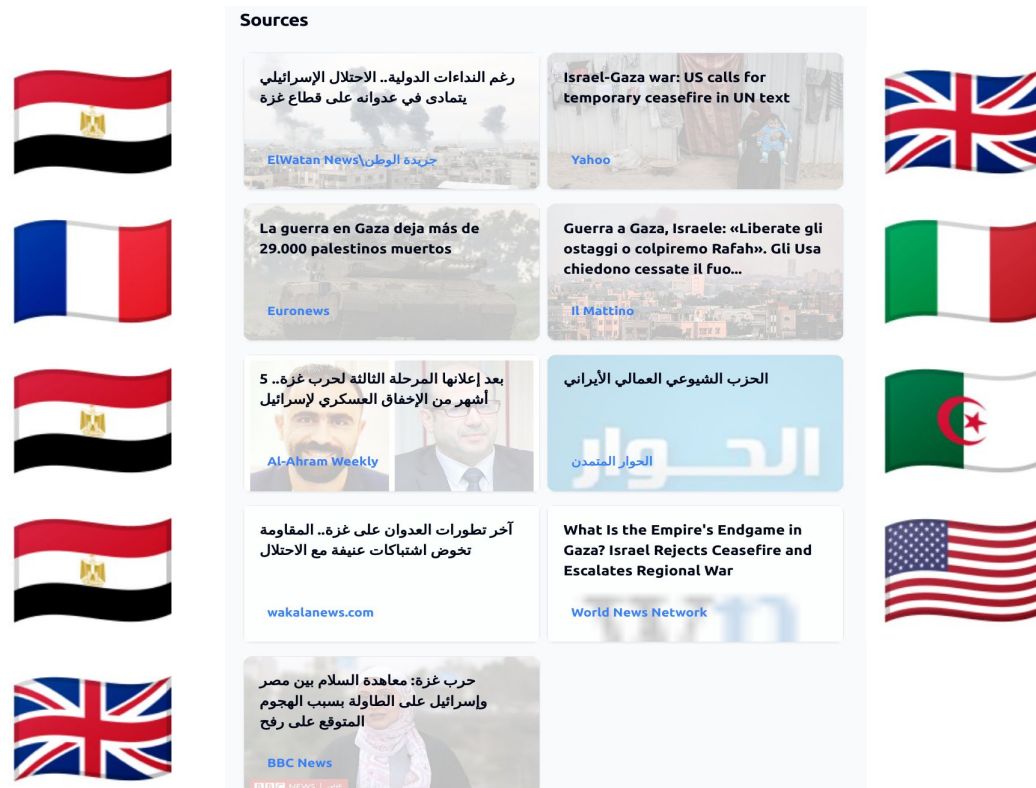
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Beyond the EU AI Act




- Enforcing journalistic standards 
 - Stating claims with supporting **evidence** and **attribution**
 - AP style-guidelines and formatting

Motivations for engineering news context





- Enforcing journalistic standards 
 - Stating claims with supporting **evidence** and **attribution**
 - AP style-guidelines and formatting
- Enforcing source and language diversity for democratized representation 
 - Representing **diverse perspectives** on global issues








Motivations for engineering news context

- Enforcing journalistic standards 
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 - Representing **diverse perspectives** on global issues
- Avoiding stale/outdated reporting 
 - Missing the latest news can cause **disinformation**, customer dissatisfaction, and **confusion**

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 - The cost of hallucination is too high, **a team of researchers is required**

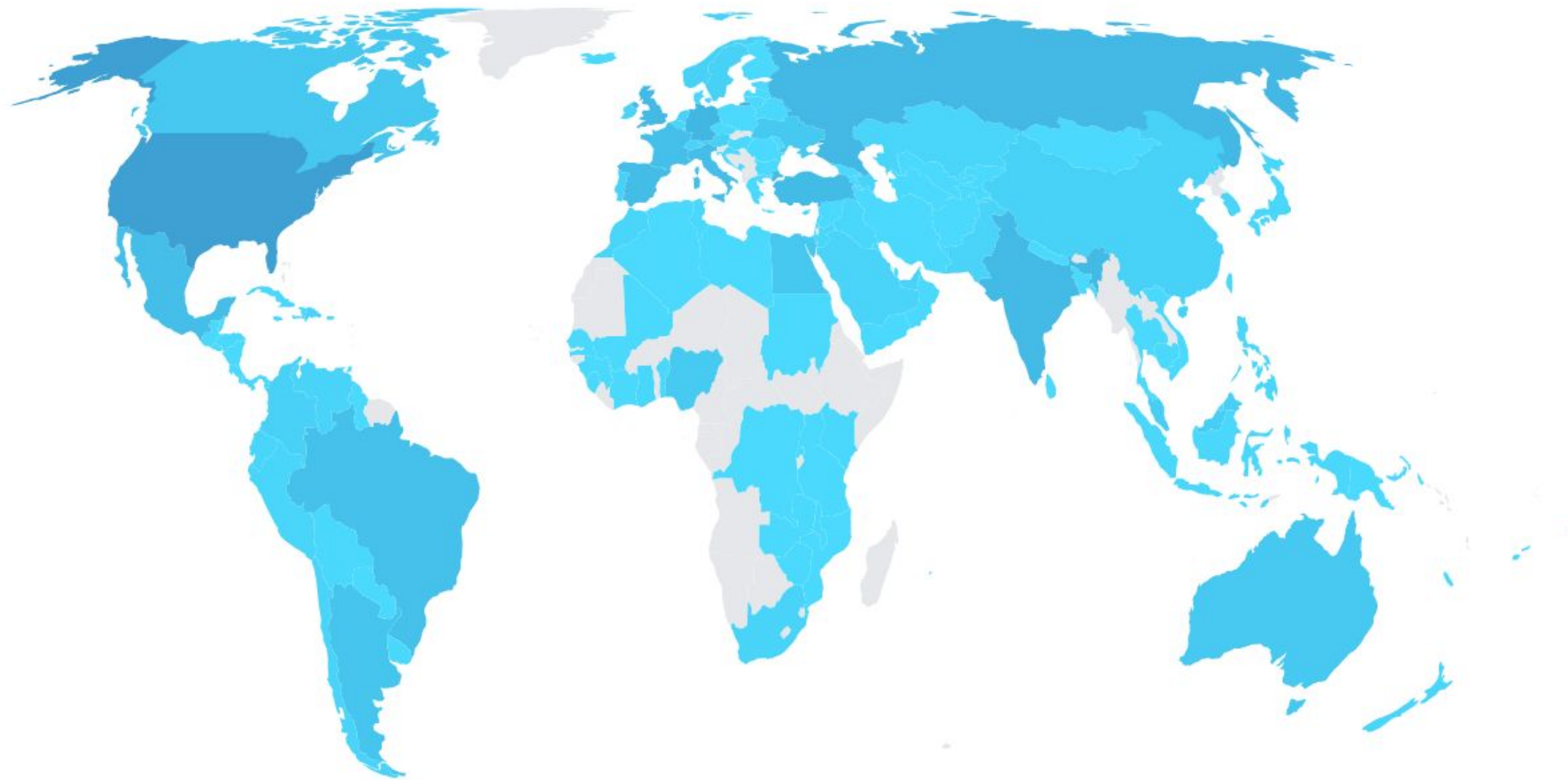
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- Distributing EU AI Act compliant transparent news to companies and developers who are focused on their own LLM applications 

Publicly tracking sources



Conveying the origin of information



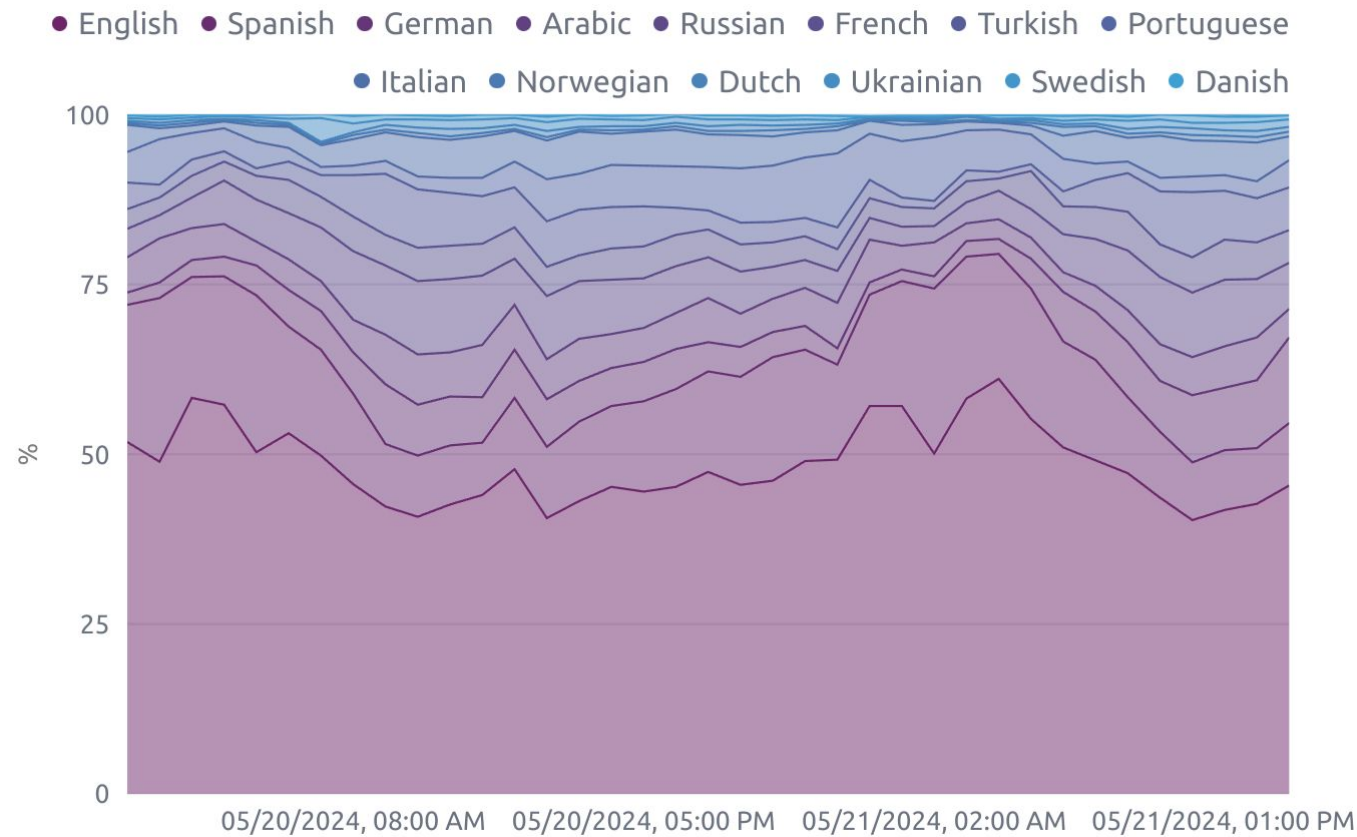
Geographical distribution



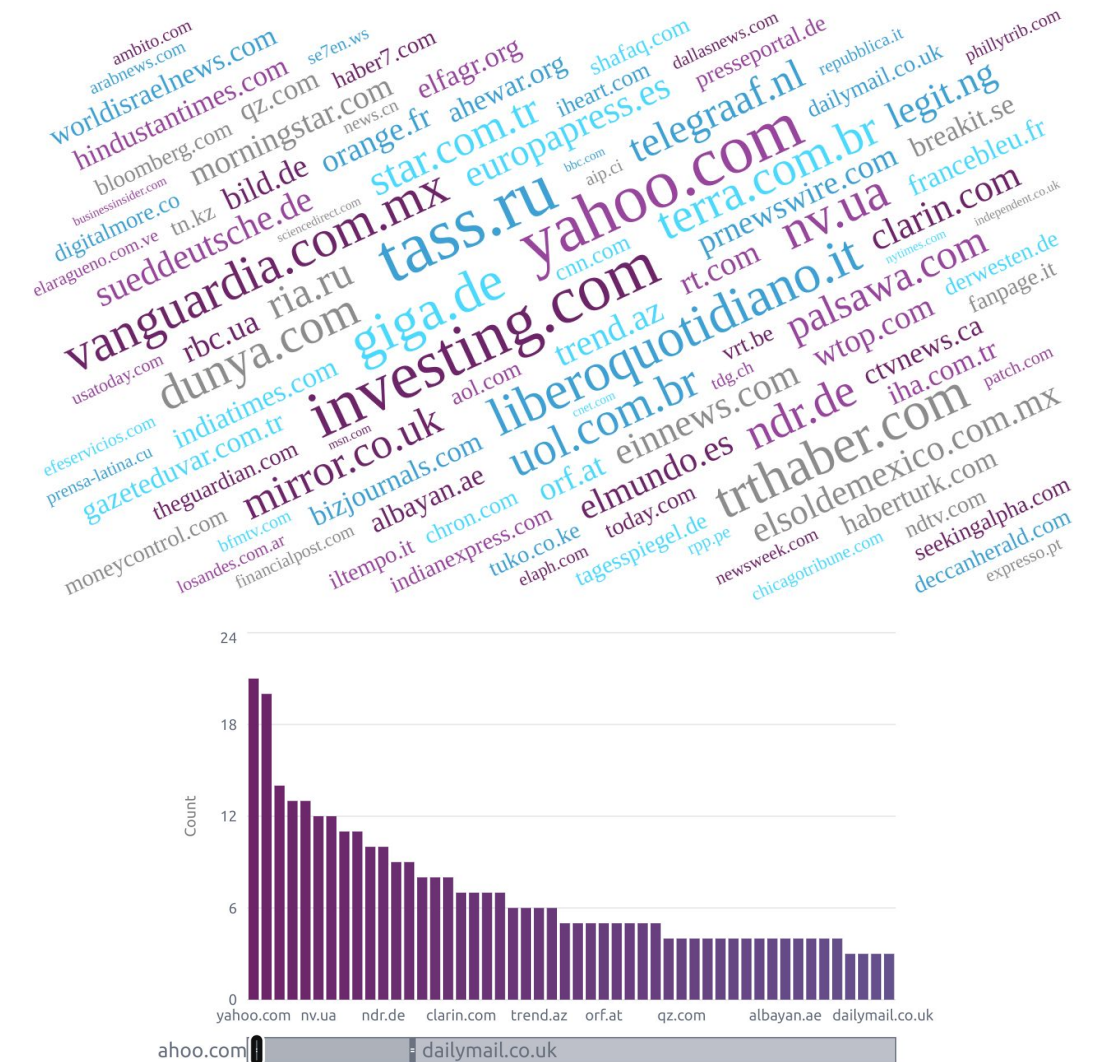
Live dashboard:

<https://asknews.app/en/transparency>

Conveying the origin of information



Linguistic distribution



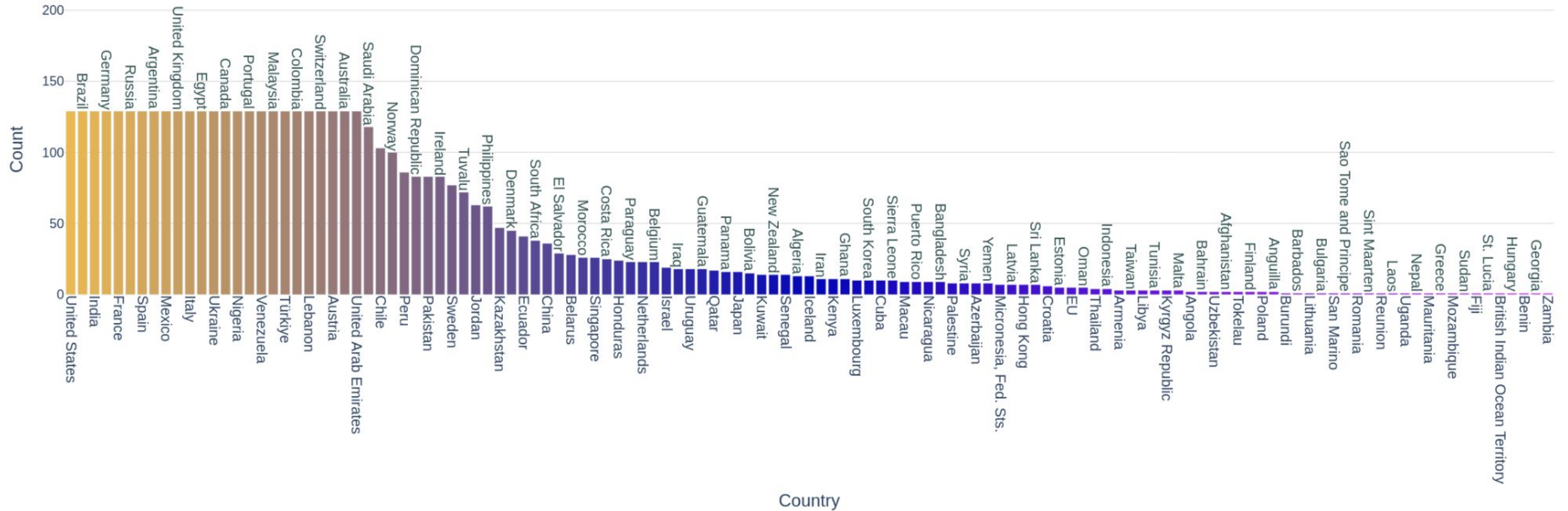
Source distribution




Live dashboard:

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Controlling bias in training data



 EmergentMethods/gliner_medium_news-v2.1

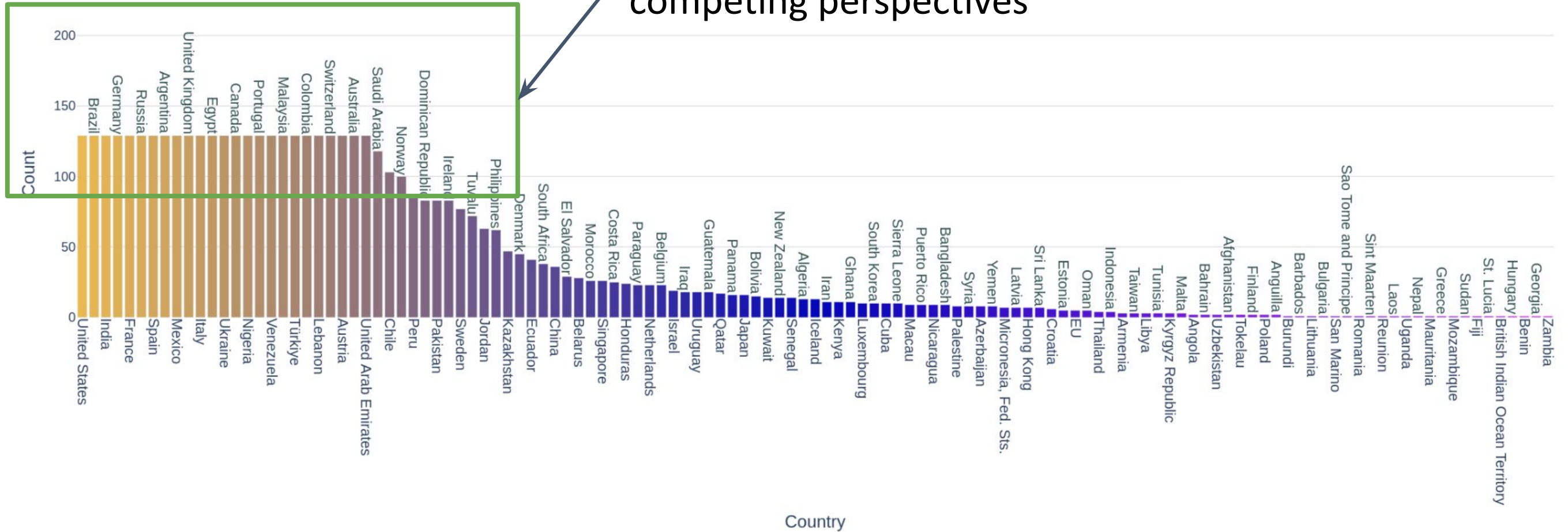
Updated 1 day ago • ↓ 1.91M • ♥ 5

https://huggingface.co/EmergentMethods/gliner_medium_news-v2.1



Controlling bias in training data

Balancing the representation of competing perspectives



EmergentMethods/gliner_medium_news-v2.1

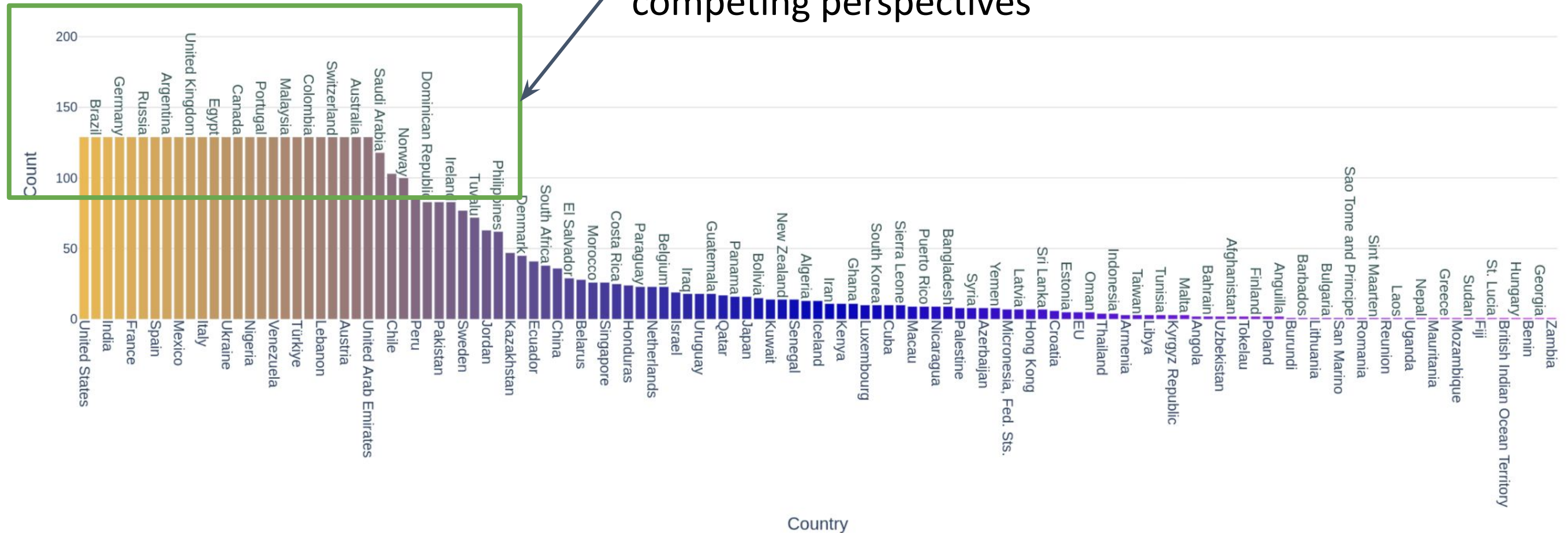
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Controlling bias in training data

Balancing the representation of competing perspectives



+9.5% improvement across 18 benchmarks 🚀

EmergentMethods/gliner_medium_news-v2.1

Updated 1 day ago • 1.91M • 5

https://huggingface.co/EmergentMethods/gliner_medium_news-v2.1



A transparent interface




Re-imagining news

- Ads everywhere
- Sensational voice

daily mail.co.uk/home/index.html

LES SENSATIONS "GO-KART" RENOUVELEES.

RÉSERVEZ VOTRE ESSAI



given £50 each in envelopes. Upset at being 'left out' of the will, the five sisters became embroiled in a bitter High Court battle, claiming their Uncle Terry and Aunt Susan had 'unduly influenced' him into changing his will. But their case was thrown out by a judge who ruled it was 'entirely rational' for the 'disappointed' grandfather to cut them out due to their 'very limited contact' with him in his latter years. Now the five sisters have been ordered to pay more than £220,000 in court costs after their failed court fight.

19 comments 1 video 1 share

The families with more than 13 kids claiming thousands in benefits: Fifteen parents with super-sized broods each pocket £229-a-week - with 24,000 households of six or more children costing taxpayer £150m every year

Parents in England receive £25.60 for their first child and £16.95 afterwards, with the total amount paid out by the government standing at around £13billion a year.


117 comments share

Family of baby killer Kate Roughley's ex-wife reveal shock after nursery worker was caught on CCTV telling nine-month-old 'stop your whinging' before leaving her face down in a bean bag for over 90 minutes

Roughley, who faces life imprisonment over the death of baby Genevieve Meehan after she was left strapped face down on a bean bag, was briefly married for less than six months.

1 video share

EXCLUSIVE Pictured: Mother-of-two, in her 50s, who was mauled to death at home by her two XL Bully pets in first fatal attack by registered dogs since breed was banned in February



This new men's shampoo can help you back to darker hair AD FEATURE

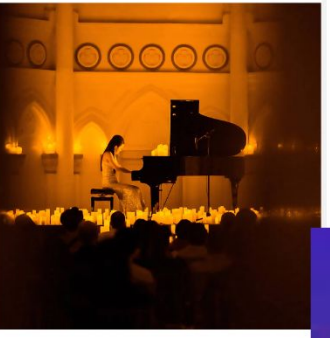
Jay Blades' wife Lisa Marie Zbozen returns to Instagram live following her shock split from her husband - as he continues to have break from TV

Braless Bella Hadid wows in a sheer Saint Laurent dress as she returns to her hotel for a balcony photo shoot after attending The Apprentice premiere

EXCLUSIVE Strictly's Mr Nasty? Or a passionate Italian perfectionist? BBC insiders reveal how 'fame changed' Giovanni Pernice

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Concerts Candlelight à Lyon

Hommages à ABBA, Hans Zimmer, Queen et bien d'autres

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GEBERIT AQUACLEAN LE WC LAVANT



EN SAVOIR PLUS

DÉCOUVREZ LA BEAUTÉ DE LA MÉDITERRANÉE

EN SAVOIR PLUS



MSC
CROISIÈRES

ilymail.co.uk/news/article-13442015/Family-baby-killer-Kate-Roughleys-ex-wife-nursery-shock.html

Re-imagining news

- Ads everywhere
- Sensational voice



Enabling exploration

Shallow

Exploration

Deep

Enabling exploration

Shallow

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North America

⚠️ Slightly provocative topic
based on 82 sources

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation in ChatGPT

Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers without permission
- OpenAI has paused the use of the 'Sky' voice and apologized, stating it was not intended to mimic Johansson's voice
- The incident has raised global discussions on the ethical use of AI and the need for legislation to protect individual rights

Contradictions

- OpenAI claims the voice was developed using a combination of voices and not specifically Johansson's, while Johansson and others note an uncanny resemblance

AI Generated

Quick high-level overview of the event

<https://asknews.app/en/stories/Scarlett-Johansson-Considers-Legal-Action-Against-OpenAI-for-Voice-Misappropriation-in-ChatGPT>

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Labeling AI generated information,
EU AI Act

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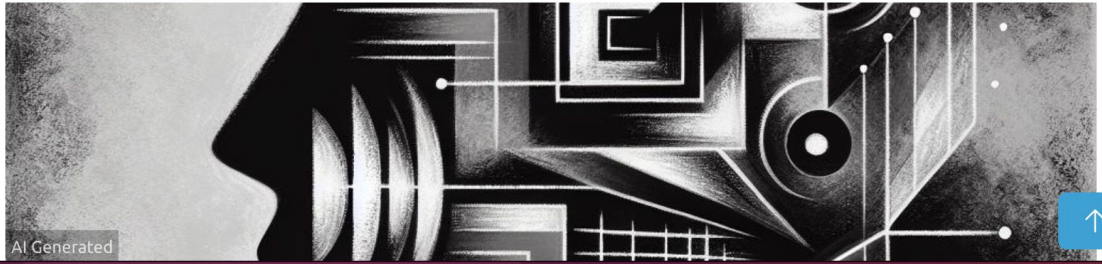
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Image prompt

Toggle citations

Generated by AI with 74% confidence. Always follow up in the sources list below.

Scarlett Johansson is contemplating legal action against OpenAI after the company's ChatGPT system featured a voice, known as 'Sky', that Johansson and many others find 'eerily similar' to her own. Despite previously declining an offer from OpenAI CEO Sam Altman to use her voice for the AI, Johansson was taken aback to hear the striking resemblance of 'Sky' to her voice upon its release. This has led to her engagement of legal counsel to address the issue, and she has emphasized the need for clear legislation to safeguard individual rights in the era of deepfakes and AI. OpenAI has responded by halting the use of 'Sky' and has apologized for any misunderstandings, stating that the voice originated from a different professional actress and was not intended to mimic Johansson's voice. The company also plans to diversify the voices available in ChatGPT.

Detailed story for readers interested in finding more

Citing statements with sources,
EU AI Act

Enabling exploration

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Transparency into the underlying reporting

Enabling exploration

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AI Generated

Transparency into the confidence of the AI model

Labeling AI generated information,
EU AI Act

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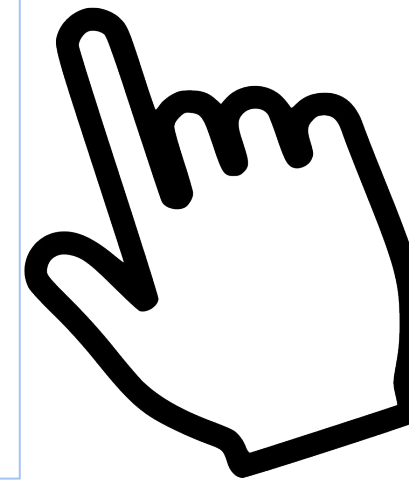
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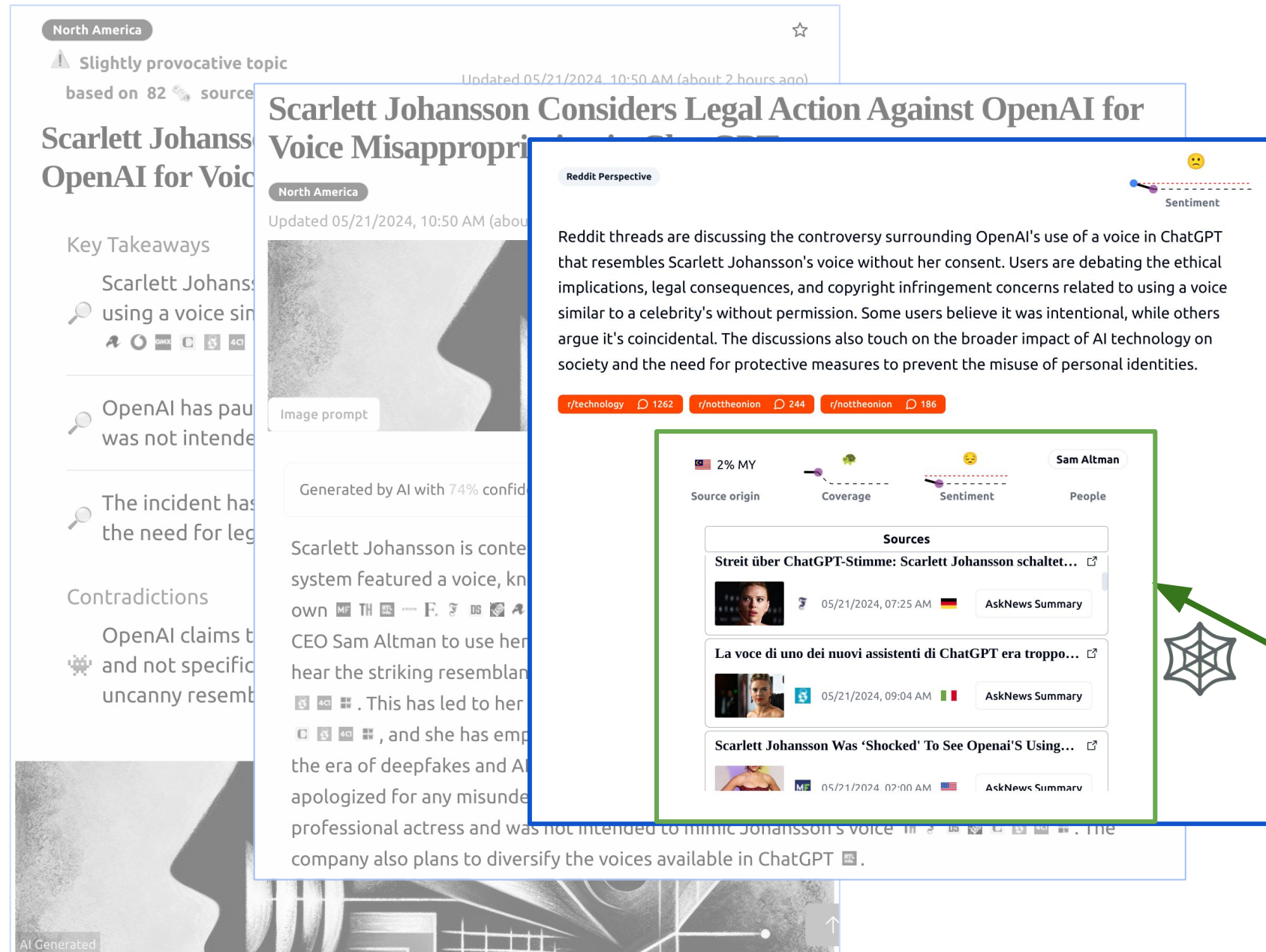


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Exploration

Deep



The screenshot displays a news article titled "Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation". The article is dated 05/21/2024, 10:50 AM. A "Reddit Perspective" overlay is visible, showing a sentiment analysis of Reddit threads discussing the controversy. The overlay includes a "Sentiment" graph and a "Sources" section with three entries:

Source	Language	Date	Summary
Streit über ChatGPT-Stimme: Scarlett Johansson schaltet...	German	05/21/2024, 07:25 AM	AskNews Summary
La voce di uno dei nuovi assistenti di ChatGPT era troppo...	Italian	05/21/2024, 09:04 AM	AskNews Summary
Scarlett Johansson Was 'Shocked' To See Openai'S Using...	English	05/21/2024, 07:00 AM	AskNews Summary

Explore multilingual
sources

Enabling exploration

Shallow

Exploration

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North America

Slightly provocative topic

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based on 82 source

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

North America

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Image prompt

Generated by AI with 74% confidence

Scarlett Johansson is content creator and actress. The AI system featured a voice, known as Scarlett, which resembled her own. OpenAI CEO Sam Altman admitted that the AI system was designed to hear the striking resemblance between Scarlett's voice and the AI's voice. This has led to her being accused of using her voice without permission, and she has expressed concern about the era of deepfakes and AI impersonation. OpenAI apologized for any misunderstanding and stated that the AI was not intended to mimic Johansson's voice. The company also plans to diversify the voices available in ChatGPT.

Reddit Perspective

Sentiment

Reddit threads are discussing the controversy surrounding OpenAI's use of a voice in ChatGPT that resembles Scarlett Johansson's voice without her consent. Users are debating the ethical implications, legal consequences, and copyright infringement concerns related to using a voice similar to a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader impact of AI technology on society and the need for protective measures to prevent the misuse of personal identities.

r/technology 1262 r/nottheonion 244 r/nottheonion 186

2% MY

Source origin Coverage Sentiment People

Sources

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Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT without her consent.
- OpenAI has paused the use of the voice, but it was not intended to be a deepfake.
- The incident has sparked a debate about the need for legal protection against AI-generated voices.

Contradictions

- OpenAI claims the voice was not specifically designed to sound like Johansson, but rather an uncanny resemblance.

Generated by AI with 74% confidence

Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT without her consent. The AI-generated voice, which sounded like Johansson, was used in a commercial for the company's new AI assistant, GPT-4. Johansson, who has a long history of voice acting, is reportedly "shocked" and "disappointed" by the incident. She has already filed a lawsuit against OpenAI, claiming that the company has violated her right to privacy and that the use of her voice is a form of intellectual property theft. OpenAI, on the other hand, claims that the voice was not specifically designed to sound like Johansson, but rather an uncanny resemblance. The company also claims that it has taken steps to ensure that the voice is not used in a way that could be harmful to Johansson's career. The incident has sparked a debate about the need for legal protection against AI-generated voices, and whether or not such voices should be considered a form of intellectual property.

Image prompt

AI Generated

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- Scarlett Johansson Was 'Shocked' To See Openai'S Using... AskNews Summary

Source translated and summarized

AskNews Article Summary

Scarlett Johansson Demands Explanation from OpenAI Over ChatGPT Voice Similarity

Actress Scarlett Johansson is demanding an explanation from OpenAI, the creator of ChatGPT, after a voice similar to hers was presented as one of the AI's voices. Johansson's lawyers have written two letters to OpenAI and its CEO Sam Altman, stating that the voice is 'unbelievably similar' to hers. OpenAI claims that the basis for the voice is a recording of another actress, and it was never intended to sound like Johansson. The dispute has led to OpenAI temporarily removing the voice, named 'Sky', from its platform. Johansson had previously been approached by Altman in September 2023 to use her voice as the basis for the AI's voice, but she declined due to personal reasons. The actress is seeking transparency and effective laws to protect individuals' rights in the face of deepfakes and AI-generated content.

05/21/2024, 07:25 AM

Sentiment

Source: FAZ.NET

Close

Story Updates

Enabling exploration

Shallow

Exploration

Deep

North America

Slightly provocative topic based on 82 source

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

North America

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT without her consent.
- OpenAI has paused the use of the voice, but it was not intended to be a deepfake.
- The incident has led to a need for legal protection and transparency in AI-generated content.

Contradictions

- OpenAI claims the voice was not intended to be a deepfake, but it was not specific about the source of the voice.
- The voice was generated by AI with 74% confidence.

Image prompt

Generated by AI with 74% confidence

Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT without her consent. The actress is seeking transparency and effective laws to protect individuals' rights in the face of deepfakes and AI-generated content. OpenAI claims that the basis for the voice is a recording of another actress, and it was never intended to sound like Johansson. The dispute has led to OpenAI temporarily removing the voice, named 'Sky', from its platform. Johansson had previously been approached by Altman in September 2023 to use her voice as the basis for the AI's voice, but she declined due to personal reasons. The actress is seeking transparency and effective laws to protect individuals' rights in the face of deepfakes and AI-generated content. OpenAI also plans to diversify the voices available in ChatGPT.

AI Generated

Reddit Perspective

Sentiment

Reddit threads are discussing the controversy surrounding OpenAI's use of a voice in ChatGPT that resembles Scarlett Johansson's voice without her consent. Users are debating the ethical implications, legal consequences, and copyright infringement concerns related to using a voice similar to a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader impact of AI technology on society and the need for protective measures to prevent the misuse of personal data.

r/technology 1262 r/nottheonion 244 r/nottheonion 186

Source origin Coverage Sentiment

2% MY

Sources

- Streit über ChatGPT-Stimme: Scarlett Johansson schaltet... 05/21/2024, 07:25 AM AskNews Summary
- La voce di uno dei nuovi assistenti di ChatGPT era troppo... 05/21/2024, 09:04 AM AskNews Summary
- Scarlett Johansson Was 'Shocked' To See Openai'S Using... 05/21/2024, 07:00 AM AskNews Summary

Source translated and summarized

AskNews Article Summary

Scarlett Johansson Demands Explanation from OpenAI Over ChatGPT Voice Similarity

Actress Scarlett Johansson is demanding an explanation from OpenAI, the creator of ChatGPT, after a voice similar to hers was presented as one of the AI's voices. Johansson's lawyers have written two letters to OpenAI and its CEO Sam Altman, stating that the voice is 'unbelievably similar' to hers. OpenAI claims that the basis for the voice is a recording of another actress, and it was never intended to sound like Johansson. The dispute has led to OpenAI temporarily removing the voice, named 'Sky', from its platform. Johansson had previously been approached by Altman in September 2023 to use her voice as the basis for the AI's voice, but she declined due to personal reasons. The actress is seeking transparency and effective laws to protect individuals' rights in the face of deepfakes and AI-generated content.

05/21/2024, 07:25 AM

Sentiment

Source: FAZ

Close

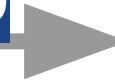
Story Updates

Enabling exploration


Shallow

Exploration

Deep



North America

 Slightly provocative topic based on 82 source

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

North America

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Image prompt

Generated by AI with 74% confidence

Scarlett Johansson is controversially featured a voice, known as 'Sky', in OpenAI's ChatGPT system. CEO Sam Altman to use her voice to hear the striking resemblance to her. This has led to her being accused of deepfakes and AI impersonation, and she has expressed concern for the era of deepfakes and AI impersonation. OpenAI apologized for any misunderstanding and was not intended to mimic Johansson's voice. The company also plans to diversify the voices available in ChatGPT.

Key Takeaways

- Scarlett Johansson is using a voice similar to her own.
- OpenAI has paused the use of the voice.
- The incident has led to the need for legal action.

Contradictions

- OpenAI claims to be using a voice that is not specific to Scarlett Johansson.
- OpenAI claims to be using a voice that is not specific to Scarlett Johansson.

AI Generated

Reddit Perspective

Sentiment

Reddit threads are discussing the controversy surrounding OpenAI's use of a voice in ChatGPT that resembles Scarlett Johansson's voice without her consent. Users are debating the ethical implications, legal consequences, and copyright infringement concerns related to using a voice similar to a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader impact of AI technology on society and the need for protective measures to prevent the misuse of personal data.

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- Scarlett Johansson Was 'Shocked' To See OpenAI'S Using... 05/21/2024, 07:00 AM AskNews Summary

Original German article at [faz.net](https://www.faz.net)

Frankfurter Allgemeine

Streit über ChatGPT-Stimme: Scarlett Johansson schaltet Anwälte ein

21.05.2024, 07:25 Lesezeit: 2 Min.

Die KI-Stimme von ChatGPT sei ihrer „unheimlich ähnlich“, sagt Schauspielerin Scarlett Johansson. Sie verlangt von Erfinder OpenAI daher Aufklärung.

Hollywood-Star Scarlett Johansson verlangt vom ChatGPT-Erfinder OpenAI Aufklärung darüber, weshalb eine von der Firma präsentierte KI-Stimme ihrer eigenen sehr ähnelt. Ihre Anwälte hätten zwei Briefe an OpenAI und Firmenchef Sam Altman geschrieben, teilte Johansson in

AskNews Article Summary

Scarlett Johansson Demands Explanation From OpenAI Over ChatGPT Voice

Actress Scarlett Johansson is demanding an explanation from the creator of ChatGPT, after a voice similar to her own was used by one of the AI's voices. Johansson's lawyers have written to OpenAI and its CEO Sam Altman, stating that the use of a voice similar to hers without her consent is a violation of her rights. OpenAI claims that the basis for the voice is a recording of another actress, and it was never intended to be Scarlett Johansson. The dispute has led to OpenAI temporarily pausing the use of the voice, named 'Sky', from its platform. Johansson has been approached by Altman in September 2023 to use her voice for the AI's voice, but she declined due to personal reasons. The actress is seeking transparency and effective laws to protect individuals' rights in the face of deepfakes and AI impersonation.

05/21/2024, 07:25 AM Sentiment

Close

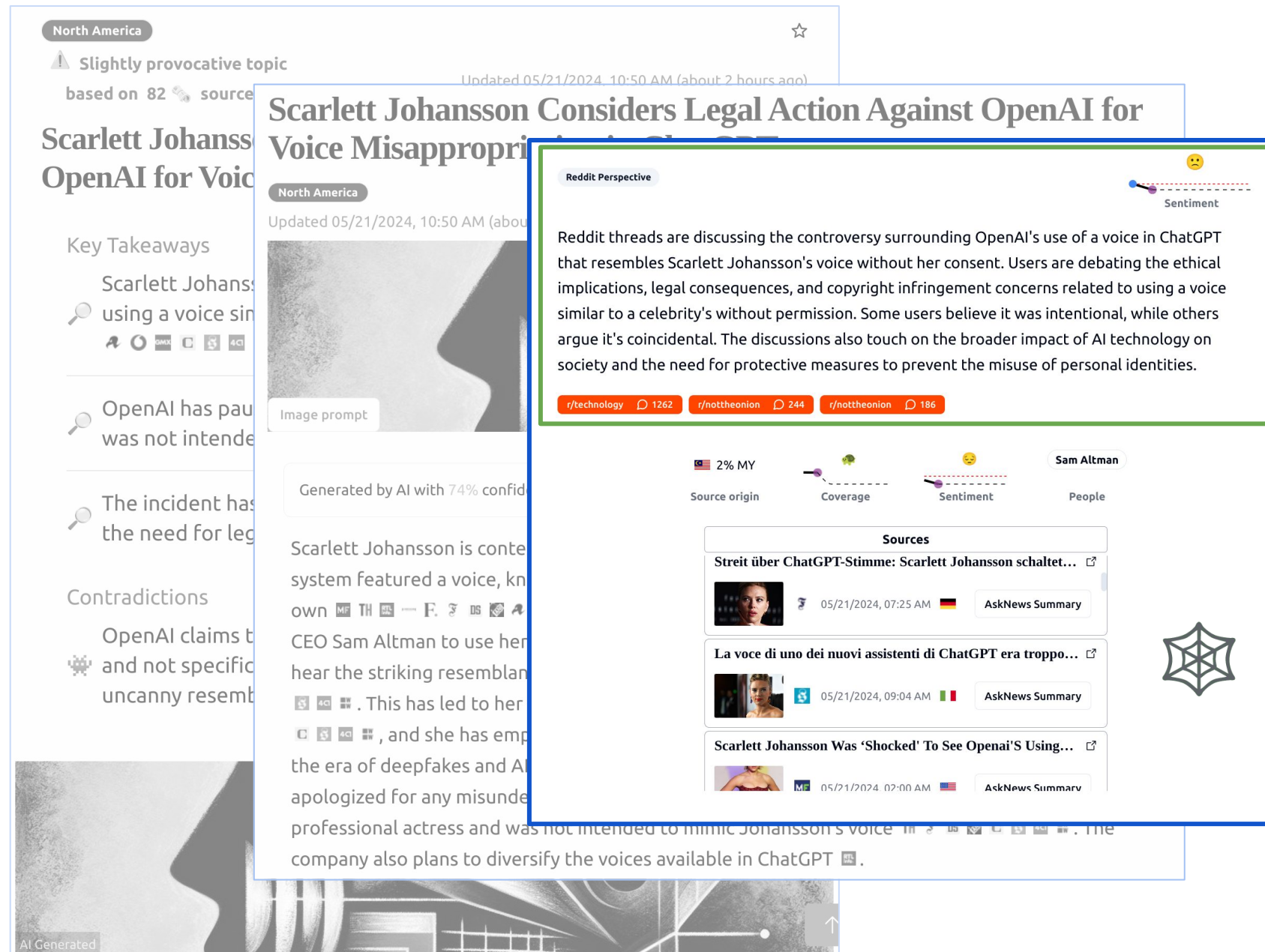
Story Updates

Enabling exploration

Shallow

Exploration

Deep



Social overview

Enabling exploration

Shallow

Exploration

Deep

North America

Slightly provocative topic

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

based on 82 source

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

North America

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Image prompt

Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT without her consent.
- OpenAI has paused the use of the voice and stated it was not intended to mimic Johansson's voice.
- The incident has raised concerns about the need for legal measures to protect personal identities in the era of deepfakes and AI.

Contradictions

- OpenAI claims the voice was not intended to mimic Johansson's voice, but some users argue it sounds uncannily similar.

Generated by AI with 74% confidence

Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT without her consent. The AI system featured a voice, known as "Scarlett," which OpenAI CEO Sam Altman admitted to using her voice to hear the striking resemblance. This has led to her considering legal action, and she has emphasized the importance of protecting personal identities in the era of deepfakes and AI. OpenAI apologized for any misunderstanding and stated that the voice was not intended to mimic Johansson's voice. The company also plans to diversify the voices available in ChatGPT.

Reddit Perspective

Sentiment

Reddit threads are discussing the controversy surrounding OpenAI's use of a voice in ChatGPT that resembles Scarlett Johansson's voice without her consent. Users are debating the ethical implications, legal consequences, and copyright infringement concerns related to using a voice similar to a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader impact of AI technology on society and the need for protective measures to prevent the misuse of personal identities.

r/technology 1262 r/nottheonion 244 r/nottheonion 186

2% MY

Source origin

Coverage

People

Sam Altman

Sources

- Streit über ChatGPT-Stimme: Scarlett Johansson schaltet... AskNews Summary
- La voce di uno dei nuovi assistenti di ChatGPT era troppo... AskNews Summary
- Scarlett Johansson Was 'Shocked' To See Openai'S Using... AskNews Summary

AI Generated

Enabling exploration

Shallow

Exploration

Deep

North America

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Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT.
- OpenAI has paused the use of the voice and stated it was not intended to mimic Johansson's voice.
- The incident has led to a discussion about the need for legal measures to protect celebrities' voices.

Contradictions

- OpenAI claims to have used a voice actor and not specifically Johansson's voice, which is uncanny.

Generated by AI with 74% confidence

Image prompt

Reddit Perspective

Reddit threads are discussing the controversy surrounding OpenAI's AI assistant, Sky, which has a voice that resembles Scarlett Johansson's voice without her consent. Users are discussing the legal implications, legal consequences, and copyright infringement concerns related to using a voice that resembles a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader implications for society and the need for protective measures to prevent the misuse of AI technology.

r/technology 1262 r/nottheonion 244 r/nottheonion 186

2% MY

Source origin Coverage Sentiment People

Sources

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- Scarlett Johansson Was 'Shocked' To See Openai'S Using... 05/21/2024, 07:00 AM AskNews Summary

Reddit Thread

Negative r/nottheonion

OpenAI says Sky voice in ChatGPT will be paused after concerns it sounds too much like Scarlett Johansson

The Reddit thread revolves around discussions regarding the similarity between the voice of an AI assistant, Sky, and the voice of actress Scarlett Johansson. Users debate whether OpenAI intentionally designed Sky's voice to mimic Johansson's, with some pointing to the fact that OpenAI had approached Johansson to use her voice but she declined. Others argue that the similarity is coincidental, and that OpenAI used a voice actor to create Sky's voice. The thread also touches on the legal implications of using a voice that sounds similar to a celebrity's without their permission.

244 3753

Close

05/21/2024, 07:25 AM AskNews Summary

Thread summary and details

Enabling exploration

Shallow

Exploration

Deep

2024-05-29 Engineering Transparency in the News - GenAI Zürich

North America

Slightly provocative topic based on 82 source

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT.
- OpenAI has paused the use of the voice and stated it was not intended to mimic Johansson's voice.
- The incident has raised concerns about the need for legal protections for AI-generated voices.

Contradictions

- OpenAI claims to have used a voice actor and not specifically Johansson's voice, while Johansson's lawyer claims the AI voice is an uncanny resemblance to her.

Generated by AI with 74% confidence

Scarlett Johansson is content creator and actress. In a recent system featured a voice, known as Sky, which was designed to sound like her. OpenAI CEO Sam Altman to use her voice in the AI assistant. She has heard the striking resemblance to her own voice. This has led to her expressing concern and she has emphasized the importance of protecting the era of deepfakes and AI. OpenAI apologized for any misunderstanding and stated that the AI voice was not intended to mimic Johansson's voice. The company also plans to diversify the voices available in ChatGPT.

Reddit Perspective

Reddit threads are discussing the controversy surrounding OpenAI's AI assistant, Sky, which has been accused of mimicking the voice of actress Scarlett Johansson. Users are debating the implications, legal consequences, and copyright infringement concerns related to using a voice that resembles a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader implications for society and the need for protective measures to prevent the misuse of AI-generated voices.

Reddit Thread

OpenAI says Sky voice in ChatGPT will be paused after concerns it sounds too much like Scarlett Johansson

The Reddit thread revolves around discussions regarding the similarity between the voice of an AI assistant, Sky, and the voice of actress Scarlett Johansson. Users debate whether OpenAI intentionally designed Sky's voice to mimic Johansson's, with some pointing to the fact that OpenAI had approached Johansson to use her voice but she declined. Others argue that the similarity is coincidental, and that OpenAI used a voice actor to create Sky's voice. The thread also touches on the legal implications of using a voice that sounds similar to a celebrity's without their permission.

244 3753

Close

Thread summary and details

Enabling exploration

Shallow

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North America

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Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Key Takeaways

- Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers in ChatGPT.
- OpenAI has paused the feature and stated it was not intended to mimic Johansson's voice.
- The incident has highlighted the need for legal protections for AI-generated voices.

Contradictions

- OpenAI claims the voice was not specifically designed to resemble Johansson's, but rather an uncanny resemblance.

Generated by AI with 74% confidence

Image prompt

Reddit Perspective

Reddit threads are discussing the controversy surrounding OpenAI's use of Scarlett Johansson's voice without her consent. Users debate whether OpenAI's use of her voice is intentional, legal consequences, and copyright infringement concerns. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader implications for society and the need for protective measures to prevent the misuse of AI-generated voices.

2% MY

Source origin Coverage Sentiment People

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- Streit über ChatGPT-Stimme: Scarlett Johansson schaltet... 05/21/2024, 07:25 AM AskNews Summary
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Reddit Thread

OpenAI says Sky voice in ChatGPT will be paused after concerns it sounds too much like Scarlett Johansson

The Reddit thread revolves around discussions regarding the similarity between the voice of actress Scarlett Johansson and the voice used in OpenAI's ChatGPT. Users debate whether OpenAI intentionally used Johansson's voice, with some pointing to the fact that OpenAI had approached Johansson for a voiceover. Others argue that the similarity is coincidental, and that OpenAI used a voice that sounds similar to hers. The thread also touches on the legal implications of using a voice that sounds similar to a celebrity's without permission.

244 3753

Full thread at [Reddit.com](https://www.reddit.com/r/nottheonion/comments/1b7y0qz/openai_says_sky_voice_in_chatgpt_will_be_paused_after_concerns_it_sounds_too_much_like_scarlett_johansson/)

Shallow

Exploration

Deep

North America

Slightly provocative topic based on 82 source

Scarlett Johansson Considers Legal Action Against OpenAI for Voice Misappropriation

Updated 05/21/2024, 10:50 AM (about 2 hours ago)

Key Takeaways

Scarlett Johansson is considering legal action against OpenAI for using a voice similar to hers without her consent.

OpenAI has paused its AI chatbot GPT-4o as it was not intended to mimic Scarlett Johansson's voice.

The incident has raised concerns about the need for legal protections for celebrities' likenesses.

Contradictions

OpenAI claims that the voice used in ChatGPT was not specifically designed to resemble Scarlett Johansson, but rather an uncanny resemblance.

Reddit Perspective

Reddit threads are discussing the controversy surrounding OpenAI's use of a voice in ChatGPT that resembles Scarlett Johansson's voice without her consent. Users are debating the ethical implications, legal consequences, and copyright infringement concerns related to using a voice similar to a celebrity's without permission. Some users believe it was intentional, while others argue it's coincidental. The discussions also touch on the broader impact of AI technology on society and the need for protective measures to prevent the misuse of personal identities.

r/technology 1262

r/nottheonion 244

r/nottheonion 186

Source origin

Coverage

Sentiment

People

Sources

Streit über ChatGPT-Stimme: Scarlett Johansson schaltet...
05/21/2024, 07:25 AM
AskNews Summary

La voce di uno dei nuovi assistenti di ChatGPT era troppo...
05/21/2024, 09:04 AM
AskNews Summary

Scarlett Johansson Was 'Shocked' To See Openai'S Using...
05/21/2024 02:00 AM
AskNews Summary

Image prompt

Generated by AI with 74% confidence

Scarlett Johansson is controversial because her system featured a voice, known as "Vox," which sounded like her own. This led to accusations that CEO Sam Altman to use her likeness without her consent. She heard the striking resemblance between her voice and the AI-generated voice. This has led to her suing OpenAI for \$5 million. She has emphasized that she is not part of the era of deepfakes and AI impersonations. OpenAI apologized for any misunderstanding and stated that the professional actress and was not intended to mimic Johansson's voice. The company also plans to diversify the voices available in ChatGPT.

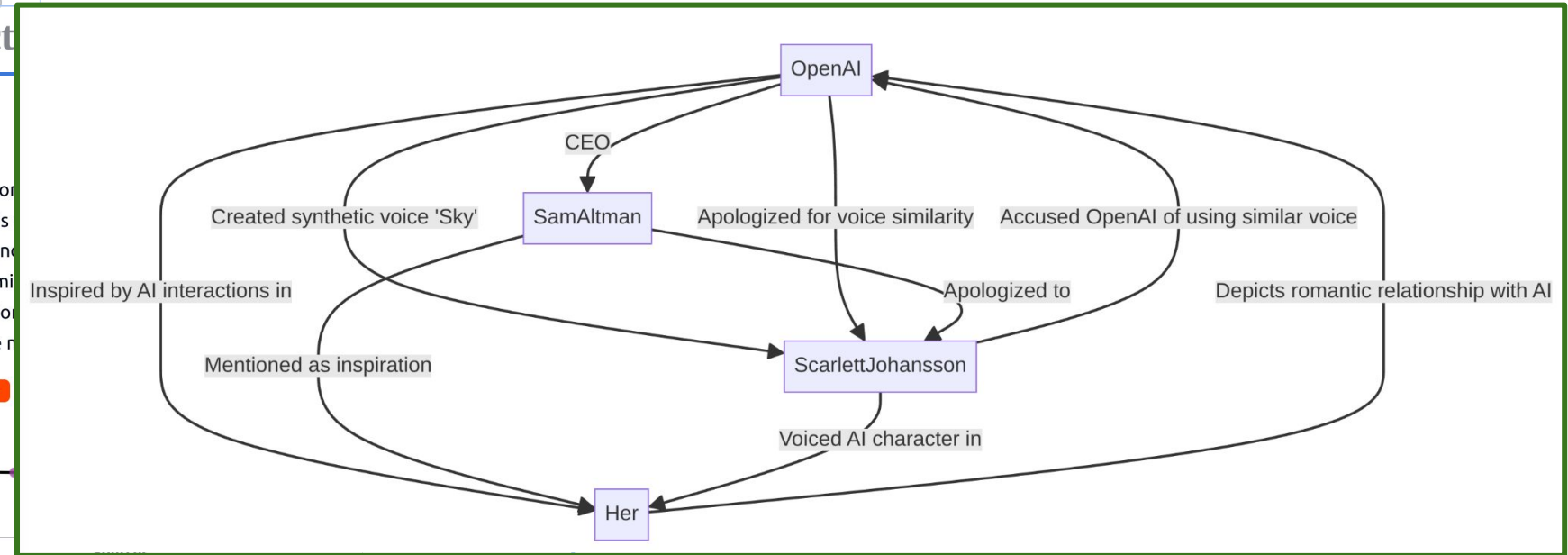
AI Generated

Enabling exploration

Shallow

Exploration

Deep



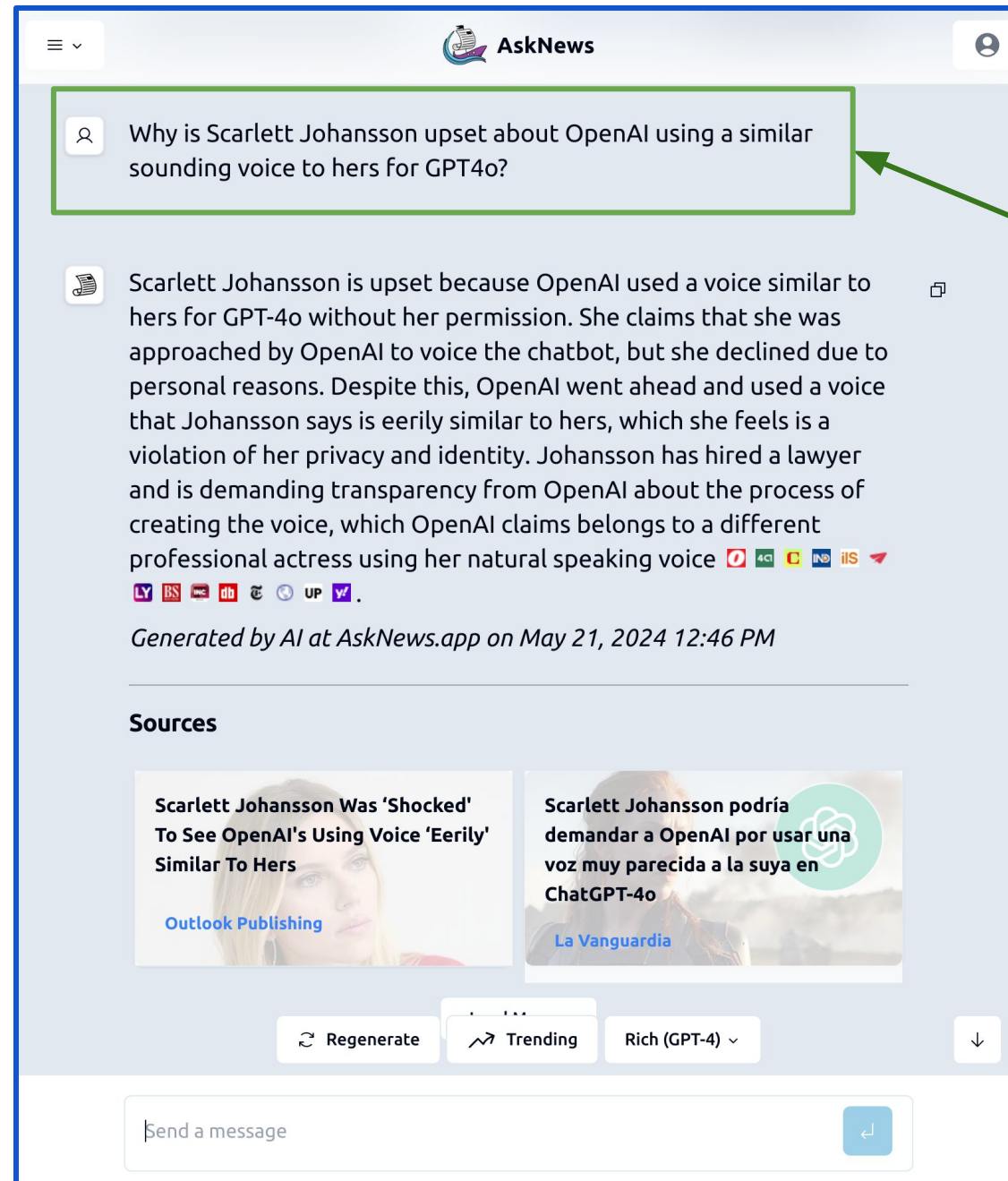
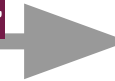
Examine relationships
between entities

Enabling exploration

Deep

Exploration

Deepest



The screenshot shows the AskNews app interface. At the top, there's a header with a menu icon, the AskNews logo, and a user profile icon. Below the header, a question is displayed in a light blue box: "Why is Scarlett Johansson upset about OpenAI using a similar sounding voice to hers for GPT4o?". Below the question, the answer is provided in a light blue box: "Scarlett Johansson is upset because OpenAI used a voice similar to hers for GPT-4o without her permission. She claims that she was approached by OpenAI to voice the chatbot, but she declined due to personal reasons. Despite this, OpenAI went ahead and used a voice that Johansson says is eerily similar to hers, which she feels is a violation of her privacy and identity. Johansson has hired a lawyer and is demanding transparency from OpenAI about the process of creating the voice, which OpenAI claims belongs to a different professional actress using her natural speaking voice". Below the answer, there are social media sharing icons and a timestamp: "Generated by AI at AskNews.app on May 21, 2024 12:46 PM". At the bottom, there's a "Sources" section with two articles: "Scarlett Johansson Was 'Shocked' To See OpenAI's Using Voice 'Eerily' Similar To Hers" from Outlook Publishing and "Scarlett Johansson podría demandar a OpenAI por usar una voz muy parecida a la suya en ChatGPT-4o" from La Vanguardia. At the very bottom, there's a "Send a message" input field and a "Regenerate" button.

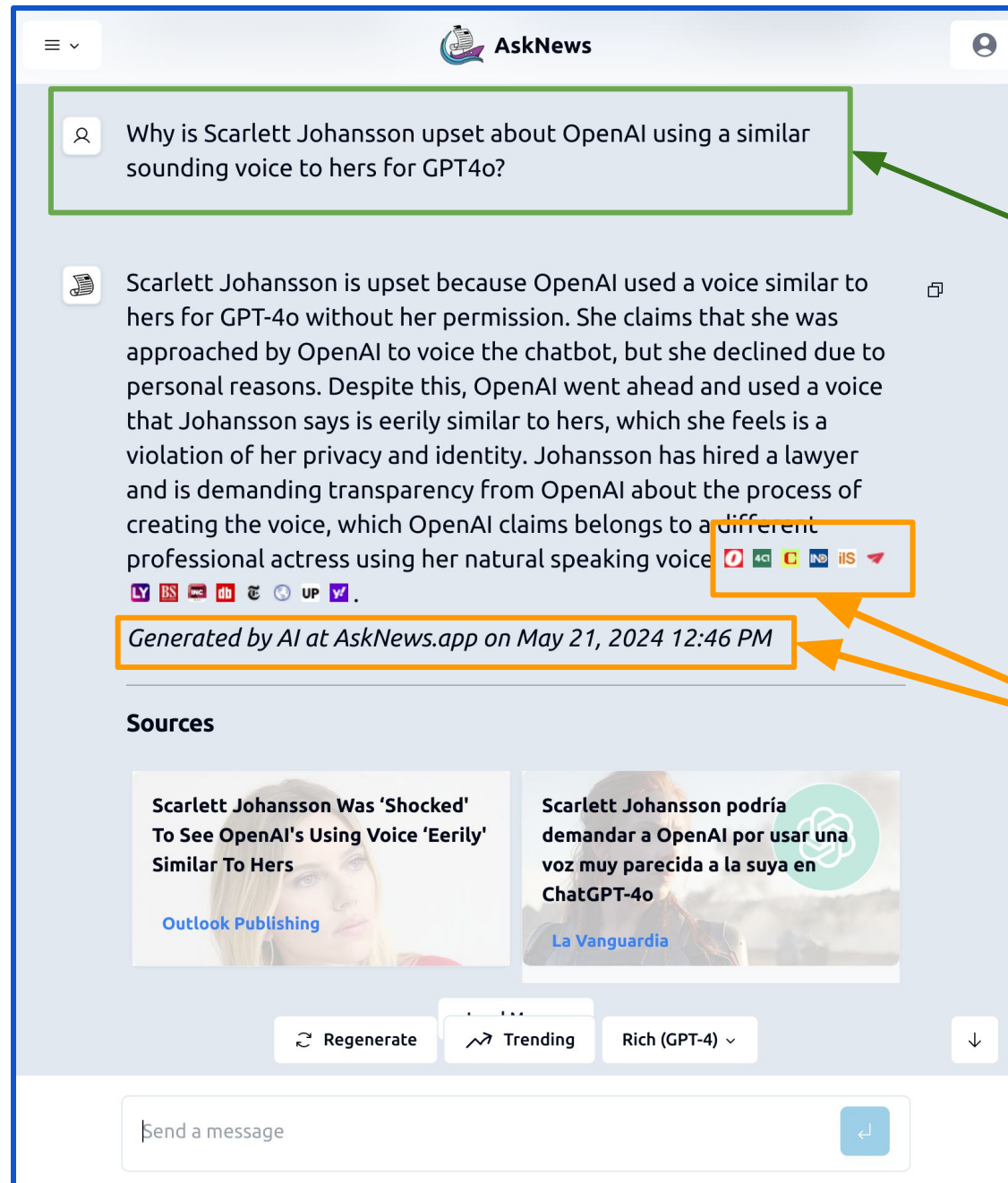
A standard news question

Enabling exploration

Deep

Exploration

Deepest



The screenshot shows the AskNews app interface. At the top, there's a search bar with the question: "Why is Scarlett Johansson upset about OpenAI using a similar sounding voice to hers for GPT4o?". Below the question, there's a news article snippet. A green box highlights the question, and an orange box highlights the article text. Below the article, there's a timestamp: "Generated by AI at AskNews.app on May 21, 2024 12:46 PM". At the bottom, there's a "Sources" section with two articles: "Scarlett Johansson Was 'Shocked' To See OpenAI's Using Voice 'Eerily' Similar To Hers" by Outlook Publishing, and "Scarlett Johansson podría demandar a OpenAI por usar una voz muy parecida a la suya en ChatGPT-4o" by La Vanguardia. The interface also includes a "Regenerate" button, a "Trending" button, and a "Rich (GPT-4)" dropdown menu.

A standard news question

Citing statements with sources,
Labeling AI generated information
EU AI Act 

Enabling exploration

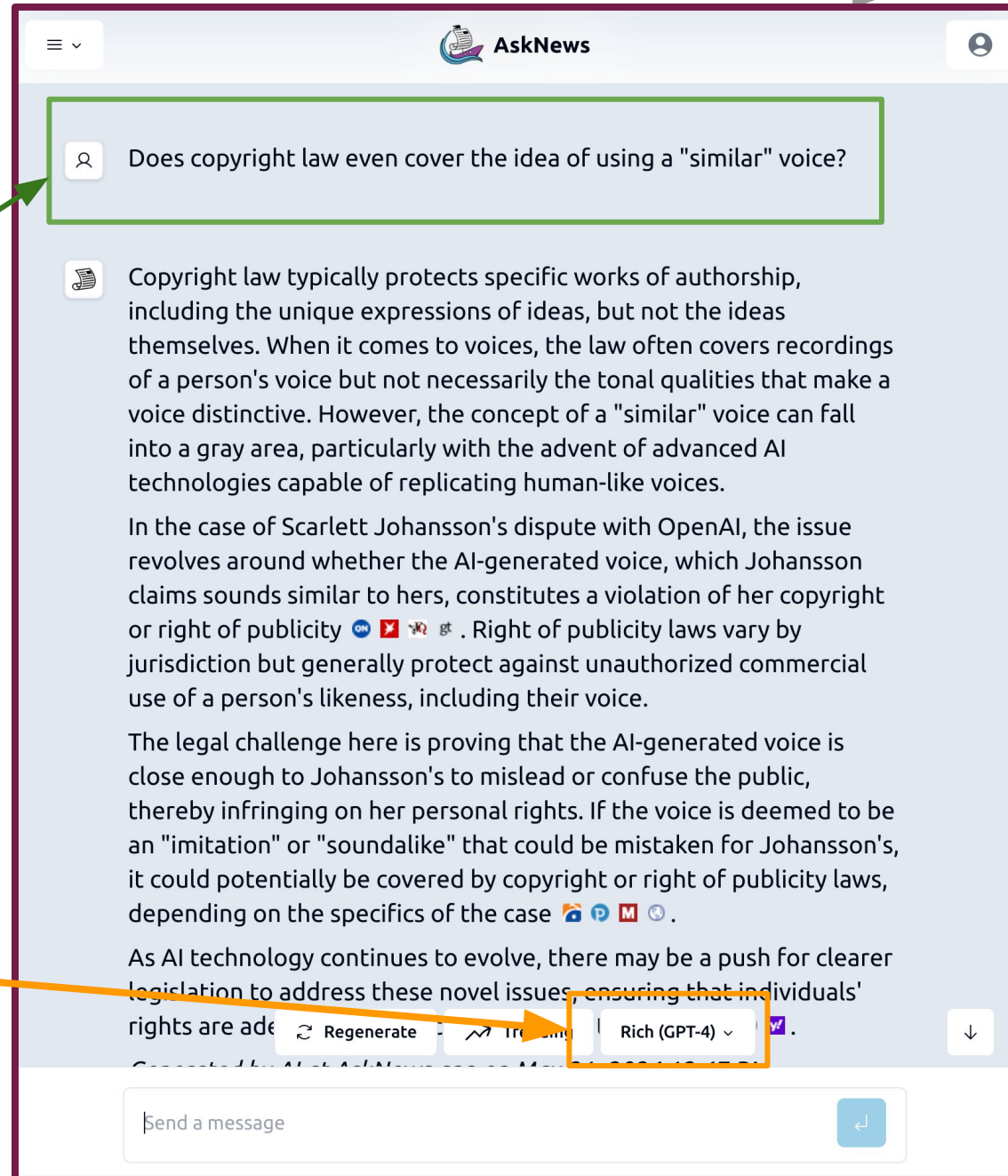
Deep

Exploration

Deepest

A follow-up that is likely covered in deeper parts of the news summaries

Labeling AI generated info,
EU AI Act 



The screenshot shows the AskNews interface. At the top, there's a search bar with the query "Does copyright law even cover the idea of using a 'similar' voice?". Below the search bar, a news summary is displayed. The summary discusses copyright law, specifically mentioning the case of Scarlett Johansson's dispute with OpenAI. The text explains that copyright law typically protects specific works of authorship, including unique expressions of ideas, but not the ideas themselves. It also mentions that the concept of a "similar" voice can fall into a gray area, particularly with the advent of advanced AI technologies capable of replicating human-like voices. The summary further details the legal challenge of proving that the AI-generated voice is close enough to Johansson's to mislead or confuse the public, thereby infringing on her personal rights. It concludes by stating that if the voice is deemed to be an "imitation" or "soundalike" that could be mistaken for Johansson's, it could potentially be covered by copyright or right of publicity laws, depending on the specifics of the case. At the bottom of the interface, there are buttons for "Regenerate" and "Rich (GPT-4)".

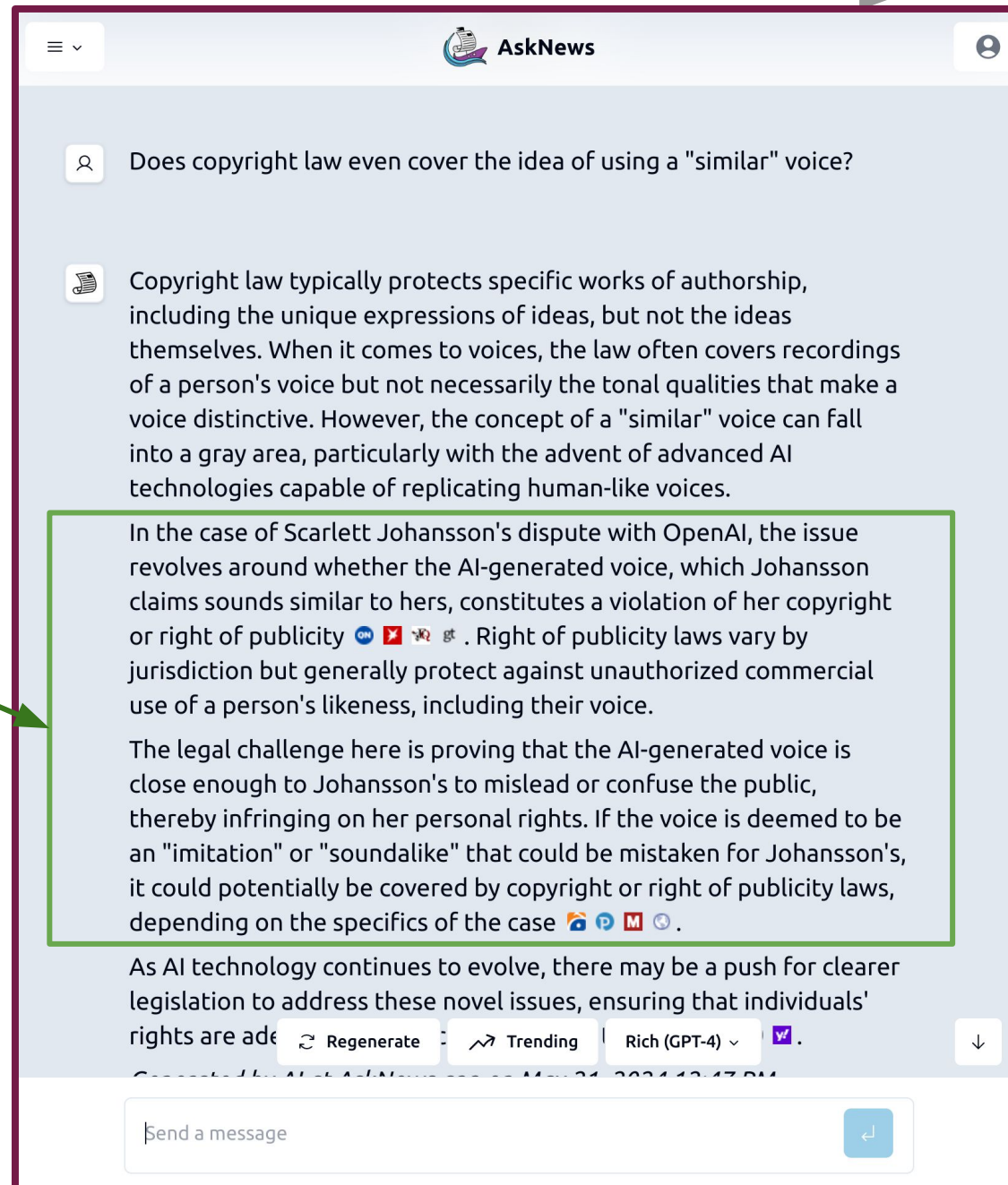
Enabling exploration

Deep

Exploration

Deepest

Deeper insights garnered
from legal analysts



The screenshot shows the AskNews interface. At the top, there's a search bar with the query "Does copyright law even cover the idea of using a 'similar' voice?". Below the search bar, there's a result card with a document icon. The text of the result card discusses copyright law, specifically mentioning the unique expressions of ideas and the concept of a "similar" voice. A green box highlights a specific paragraph within the result card, which discusses the legal challenge in the case of Scarlett Johansson's dispute with OpenAI. The highlighted text states that the issue revolves around whether the AI-generated voice, which Johansson claims sounds similar to hers, constitutes a violation of her copyright or right of publicity. It further explains that right of publicity laws vary by jurisdiction but generally protect against unauthorized commercial use of a person's likeness, including their voice. The text concludes that the legal challenge here is proving that the AI-generated voice is close enough to Johansson's to mislead or confuse the public, thereby infringing on her personal rights. It also mentions that if the voice is deemed to be an "imitation" or "soundalike" that could be mistaken for Johansson's, it could potentially be covered by copyright or right of publicity laws, depending on the specifics of the case.

Does copyright law even cover the idea of using a "similar" voice?

Copyright law typically protects specific works of authorship, including the unique expressions of ideas, but not the ideas themselves. When it comes to voices, the law often covers recordings of a person's voice but not necessarily the tonal qualities that make a voice distinctive. However, the concept of a "similar" voice can fall into a gray area, particularly with the advent of advanced AI technologies capable of replicating human-like voices.

In the case of Scarlett Johansson's dispute with OpenAI, the issue revolves around whether the AI-generated voice, which Johansson claims sounds similar to hers, constitutes a violation of her copyright or right of publicity. Right of publicity laws vary by jurisdiction but generally protect against unauthorized commercial use of a person's likeness, including their voice.

The legal challenge here is proving that the AI-generated voice is close enough to Johansson's to mislead or confuse the public, thereby infringing on her personal rights. If the voice is deemed to be an "imitation" or "soundalike" that could be mistaken for Johansson's, it could potentially be covered by copyright or right of publicity laws, depending on the specifics of the case.

As AI technology continues to evolve, there may be a push for clearer legislation to address these novel issues, ensuring that individuals' rights are adequately protected.

Regenerate Trending Rich (GPT-4)

Send a message

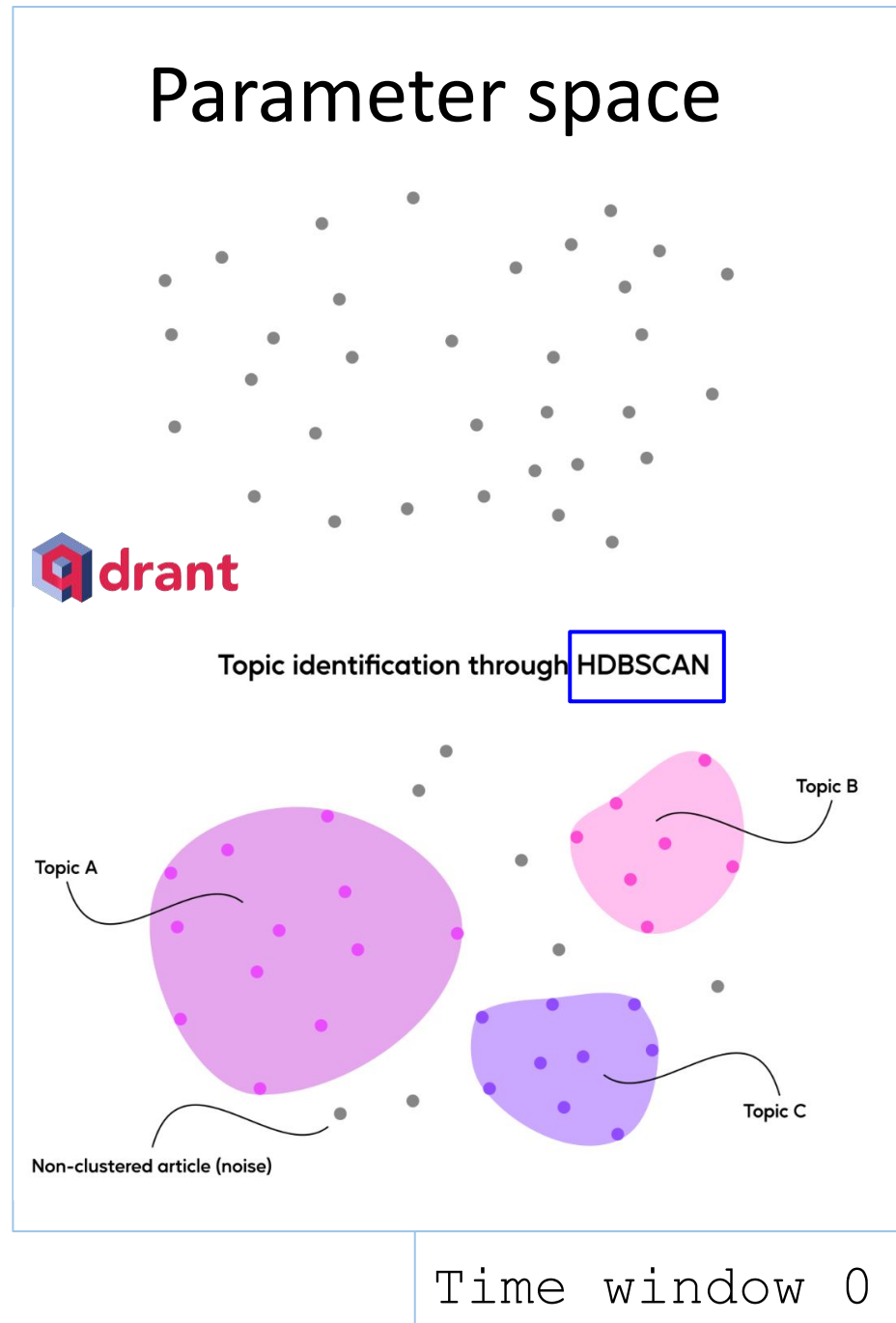
Tracking narratives in our parameter space

Documenting algorithmic practices

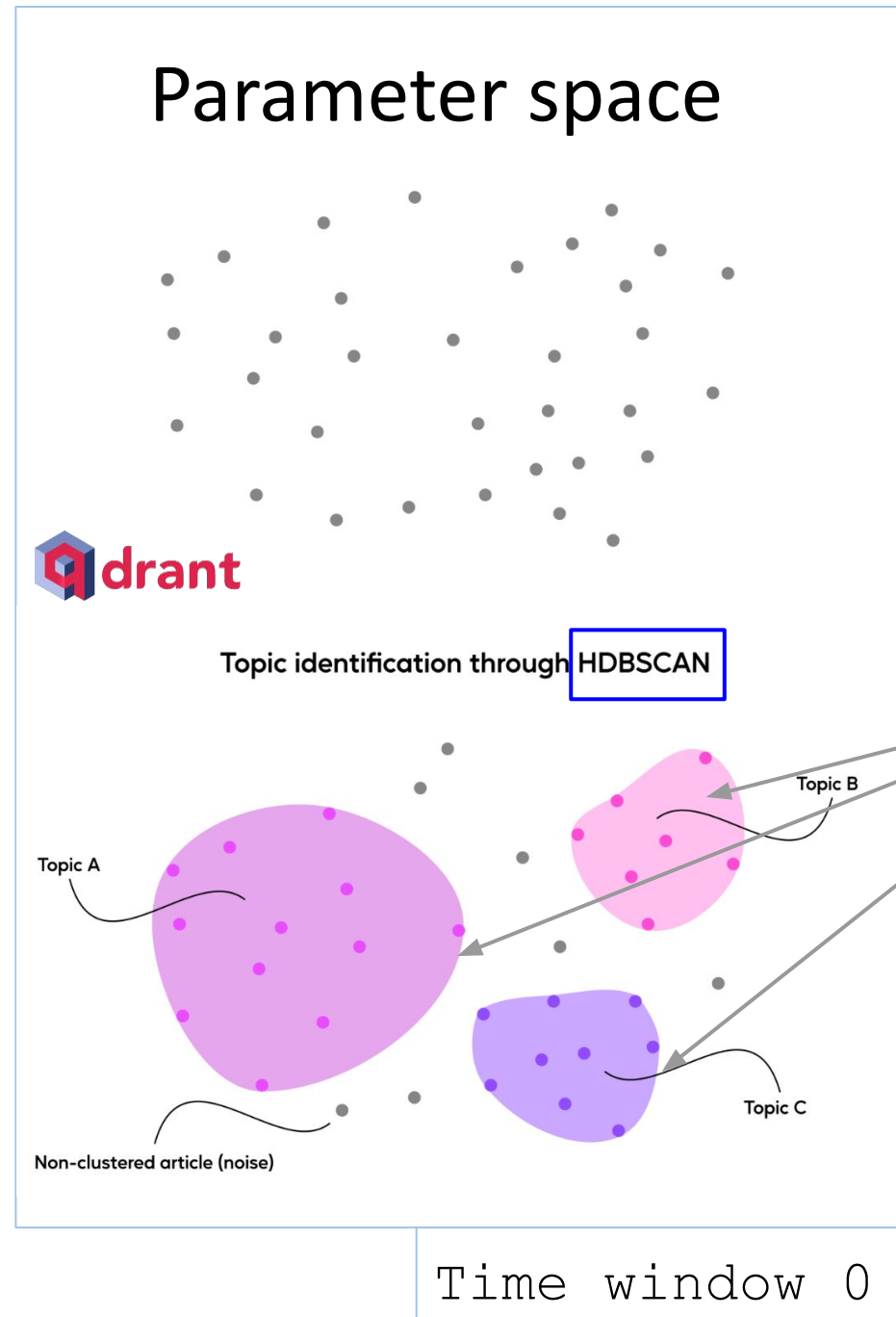
EU AI Act 



Finding related news reports



Finding related news reports



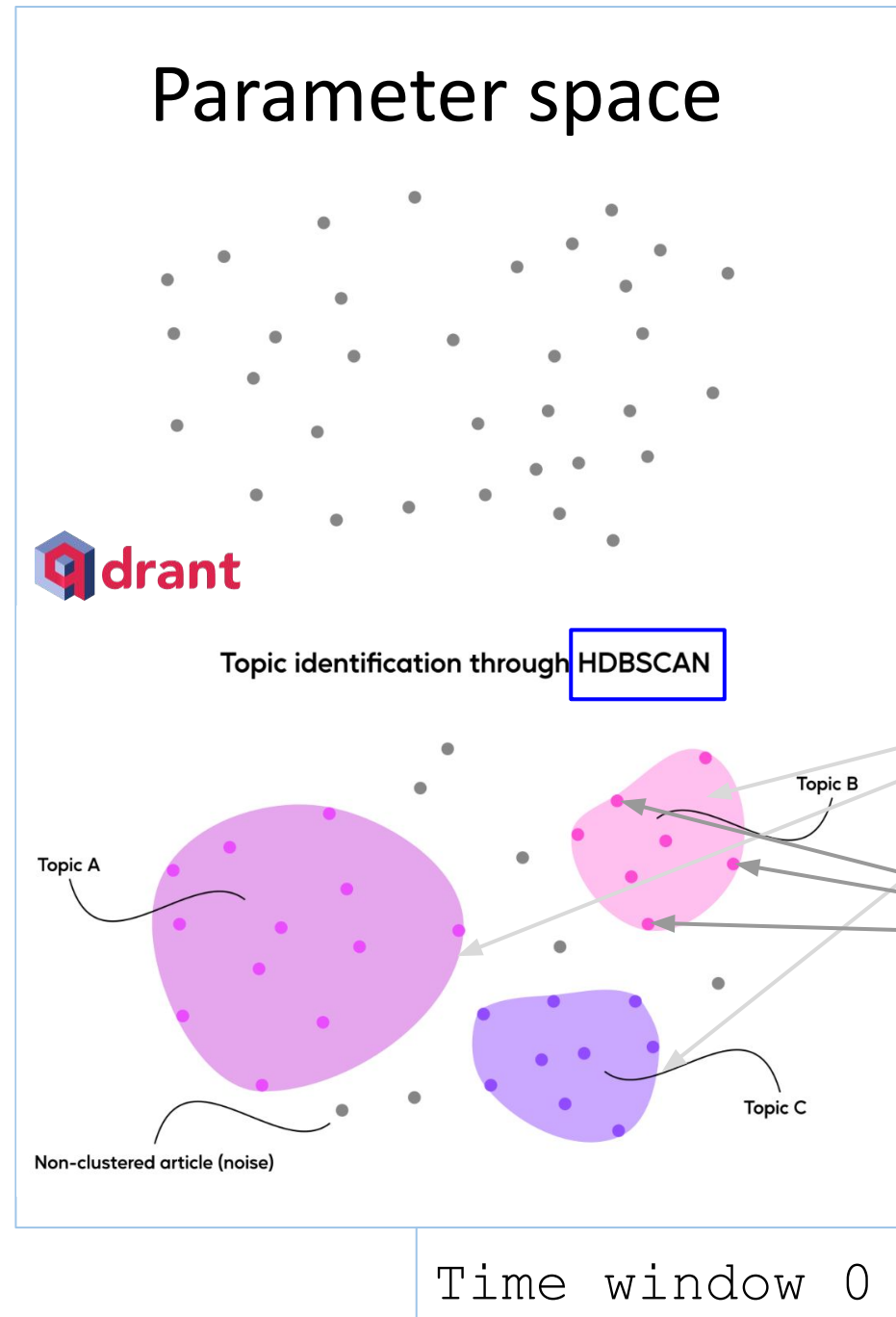
- Ensuring high accuracy, scalability, and filter-ability with the Qdrant vector database

<https://qdrant.tech>



Clusters of semantic similarity

Finding related news reports



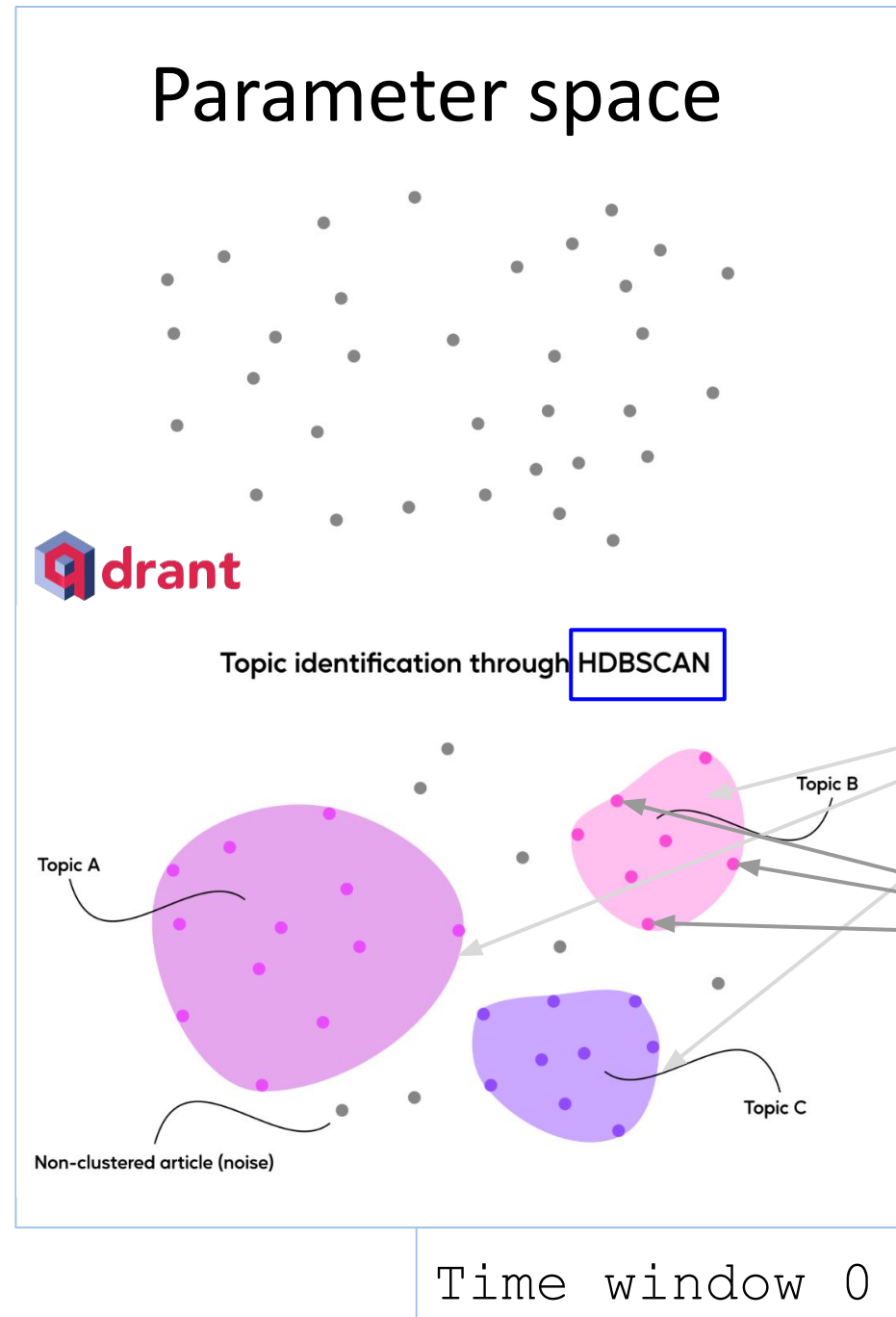
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Clusters of semantic similarity

Multiple countries
Multiple languages
Multiple sources

Finding related news reports



- Ensuring high accuracy, scalability, and filter-ability with the Qdrant vector database
<https://qdrant.tech>



Clusters of semantic similarity

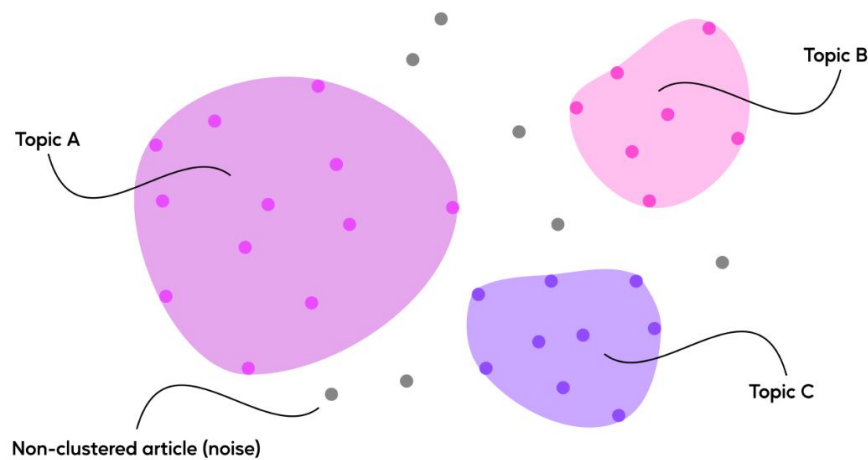
Multiple countries
Multiple languages
Multiple sources
Competing perspectives

Identifying the series of events

Parameter space



Topic identification through HDBSCAN



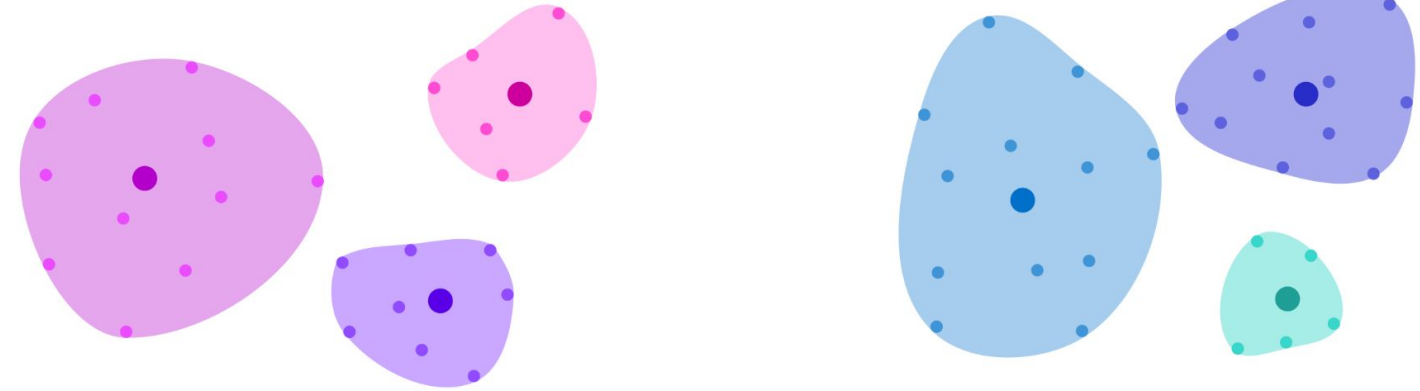
Time window 0

Temporal clustering

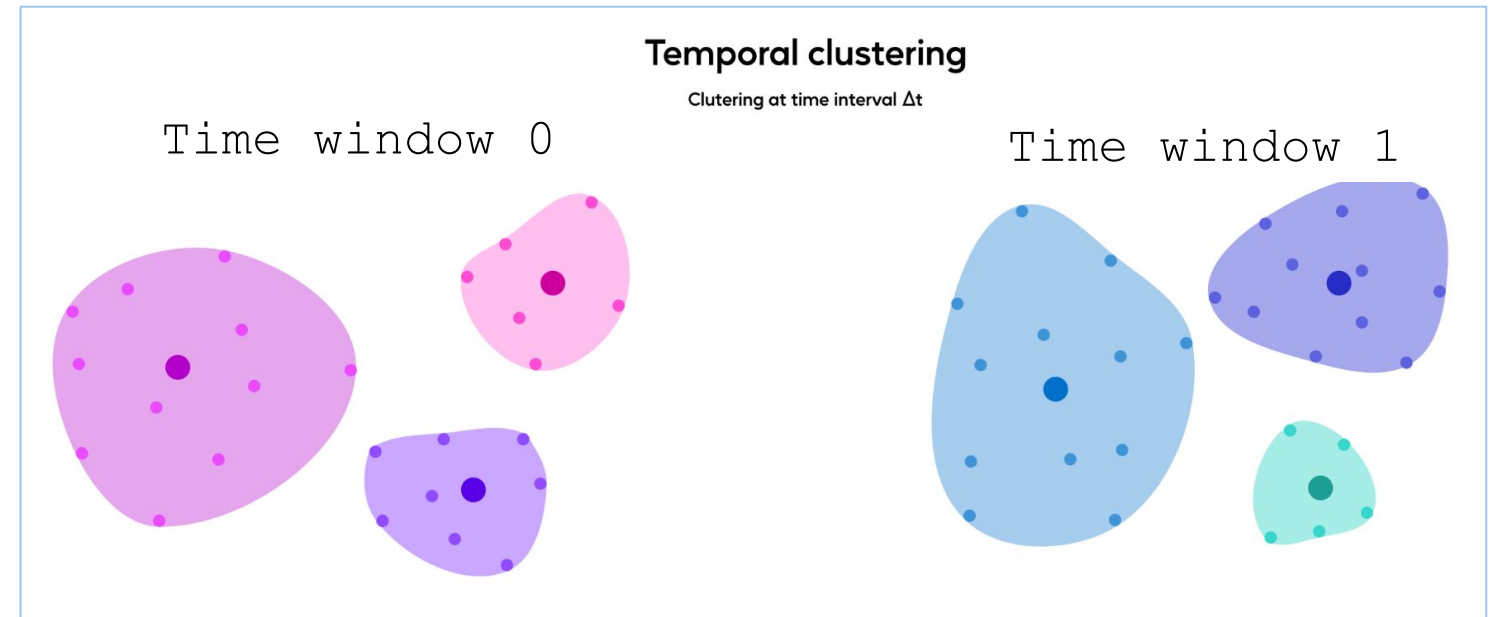
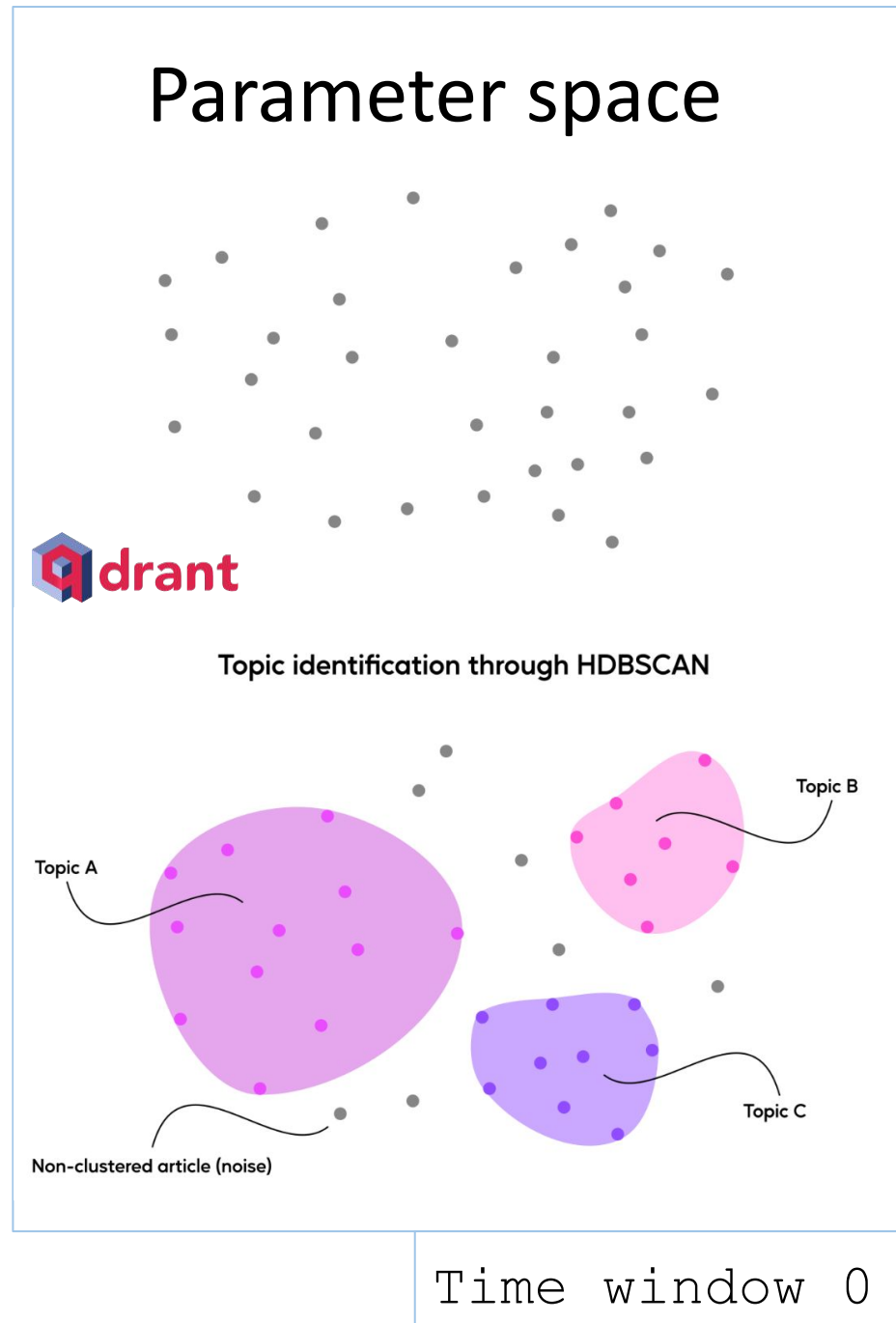
Clustering at time interval Δt

Time window 0

Time window 1



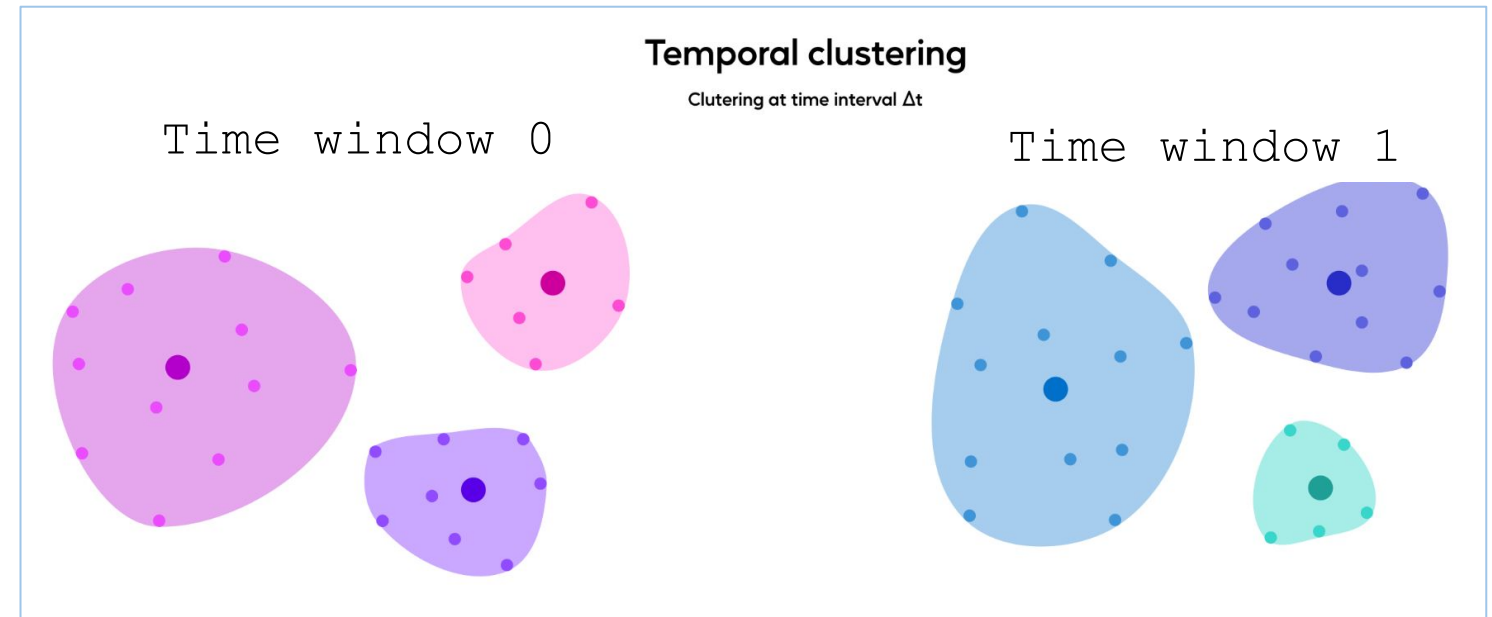
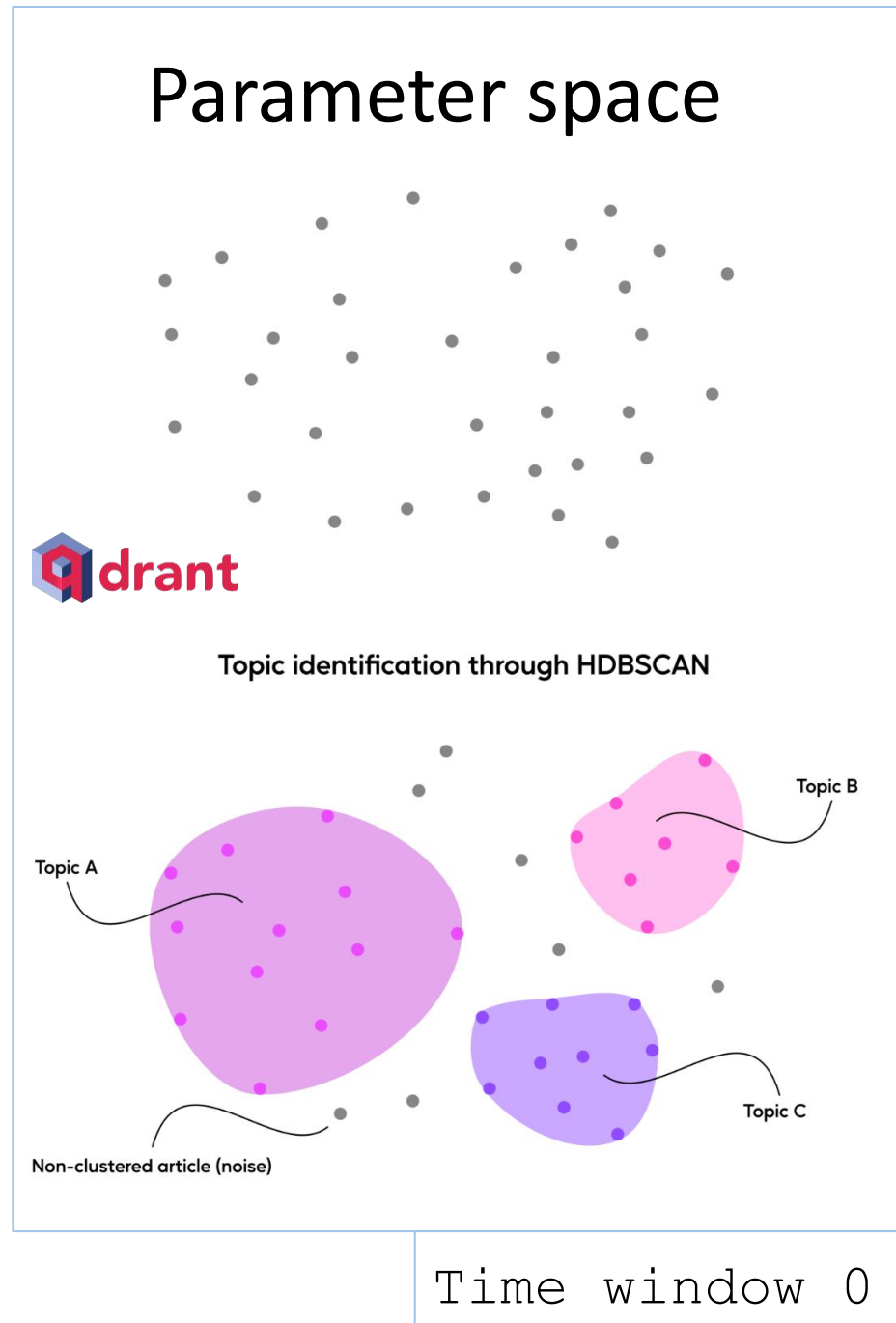
Identifying the series of events



Cluster connection methods

- Adaptively (re)train one binary classifier per cluster

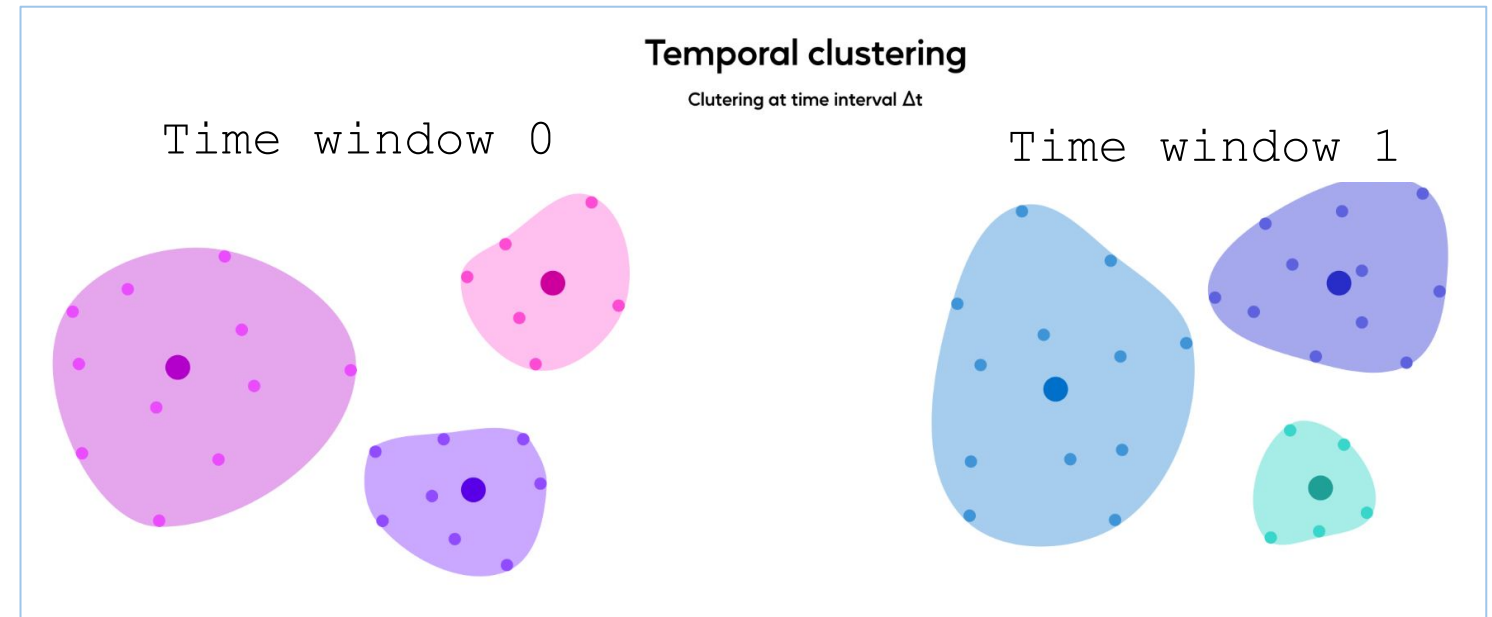
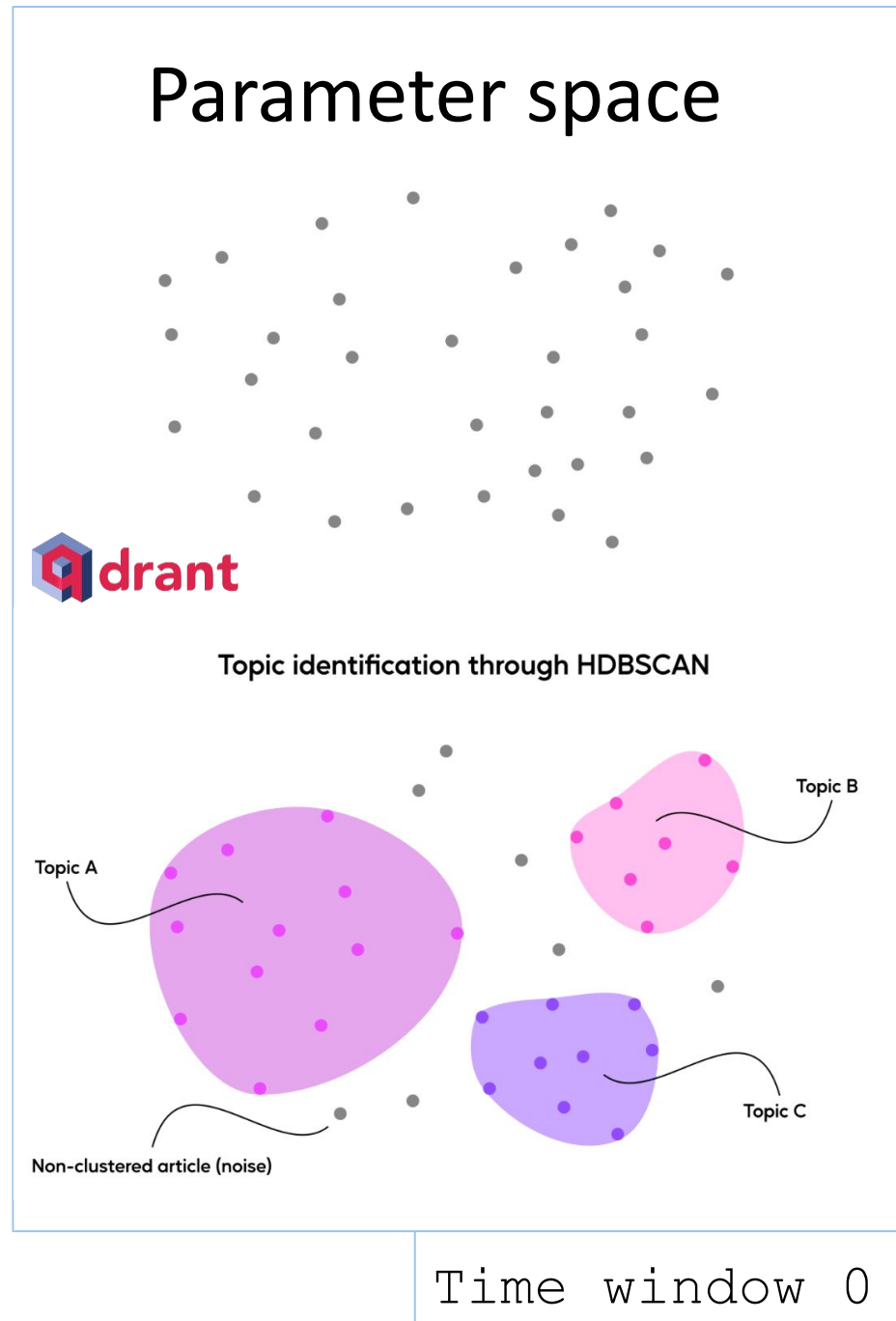
Identifying the series of events



Cluster connection methods

- Adaptively (re)train one binary classifier per cluster
- Track medoid/centroid drift with hyper spheres

Identifying the series of events



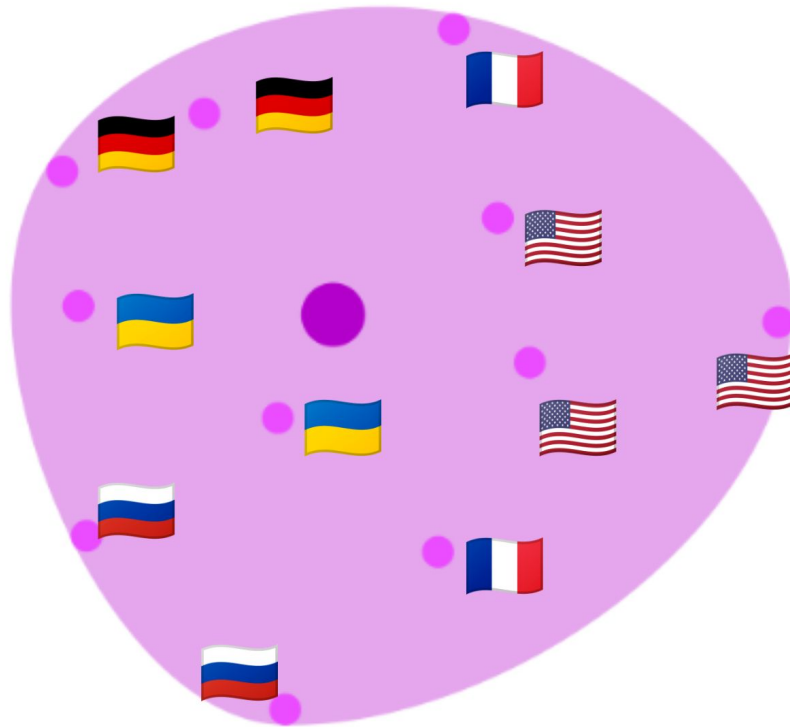
Cluster connection methods

- Adaptively (re)train one binary classifier per cluster
- Track medoid/centroid drift with hyper spheres
- Use overlap clustering techniques

Enforcing diversity

- Document formatting
- Citation control
- Journalistic guidelines

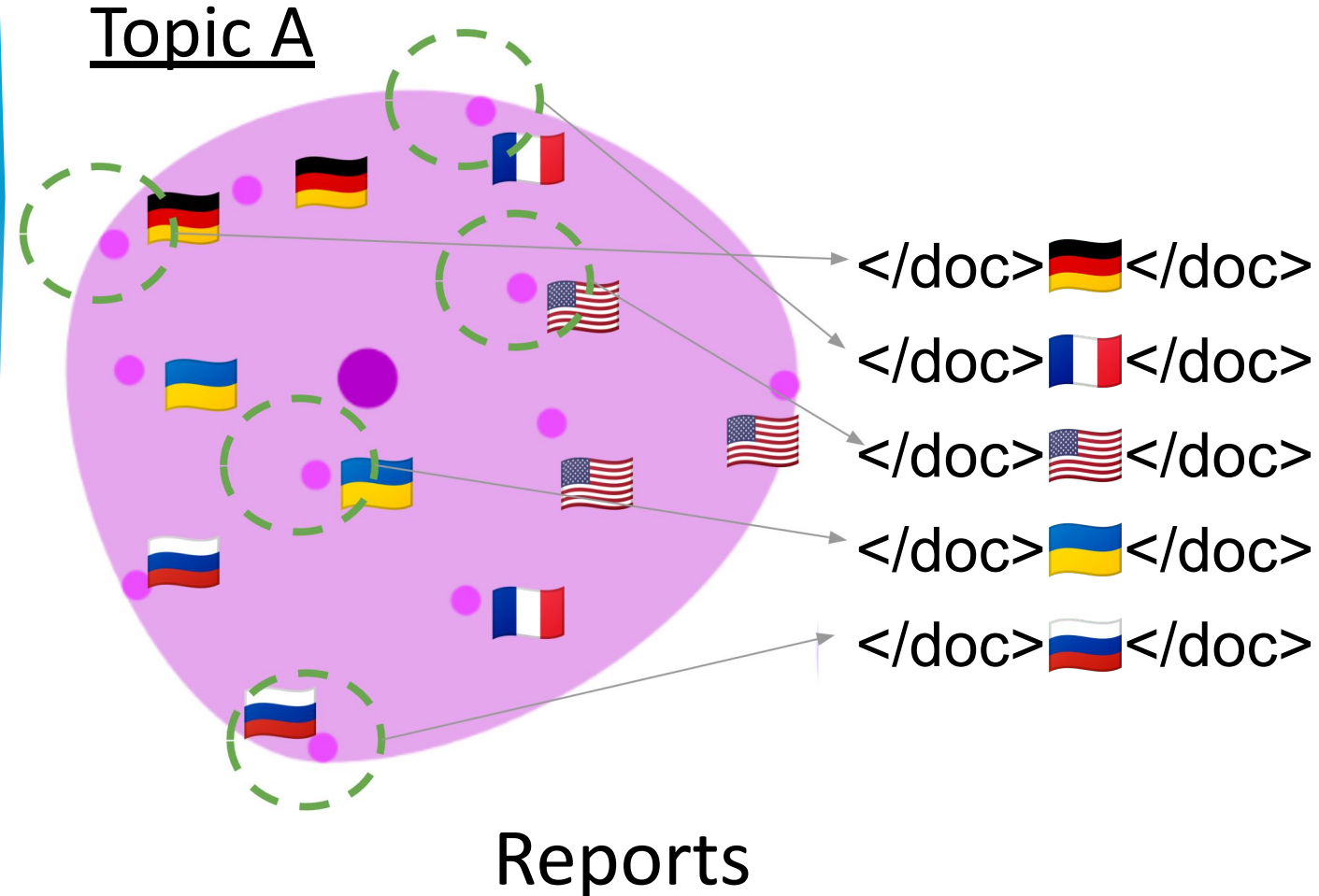
Topic A



Reports

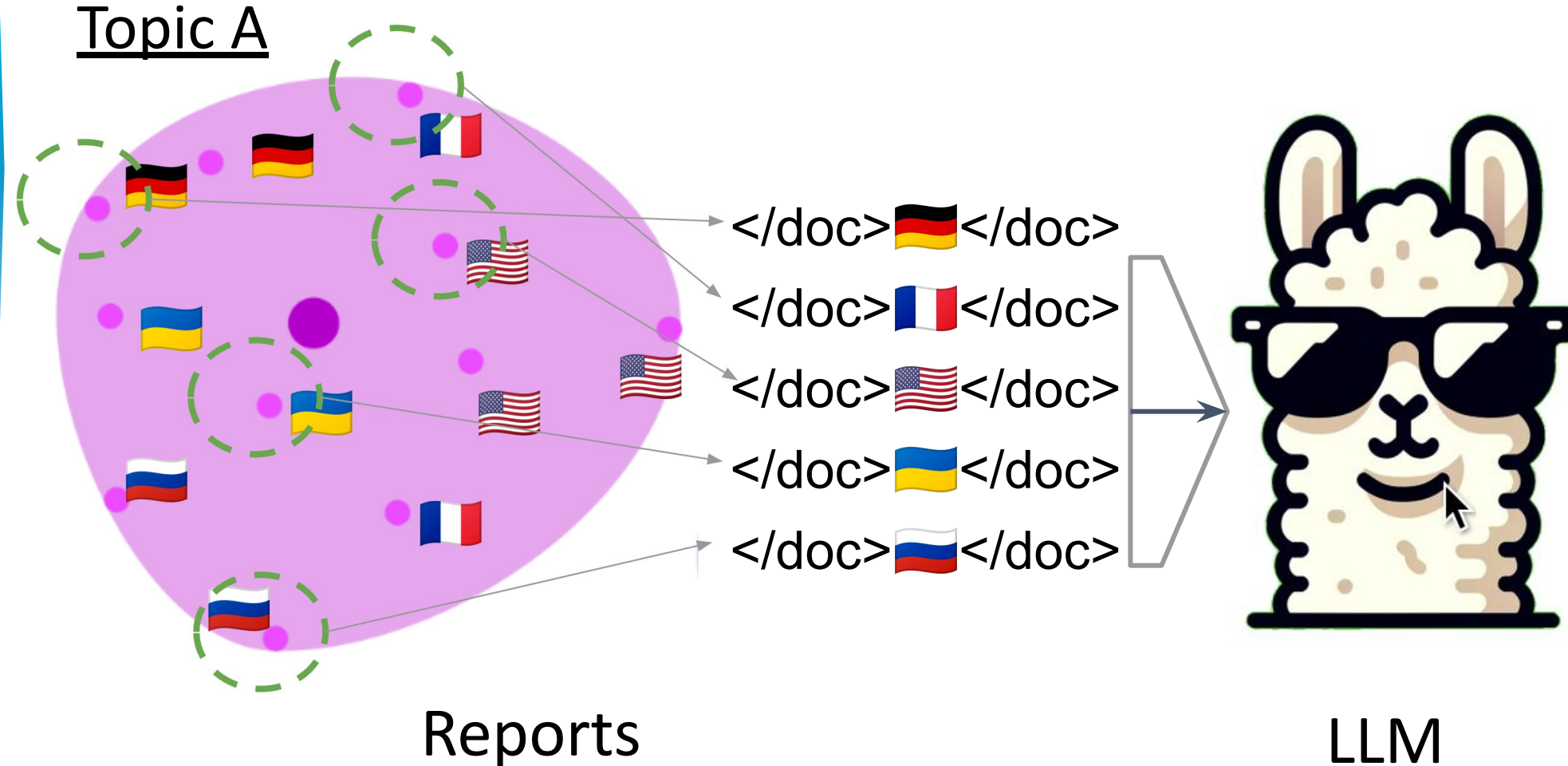
Enforcing diversity

- Document formatting
- Citation control
- Journalistic guidelines



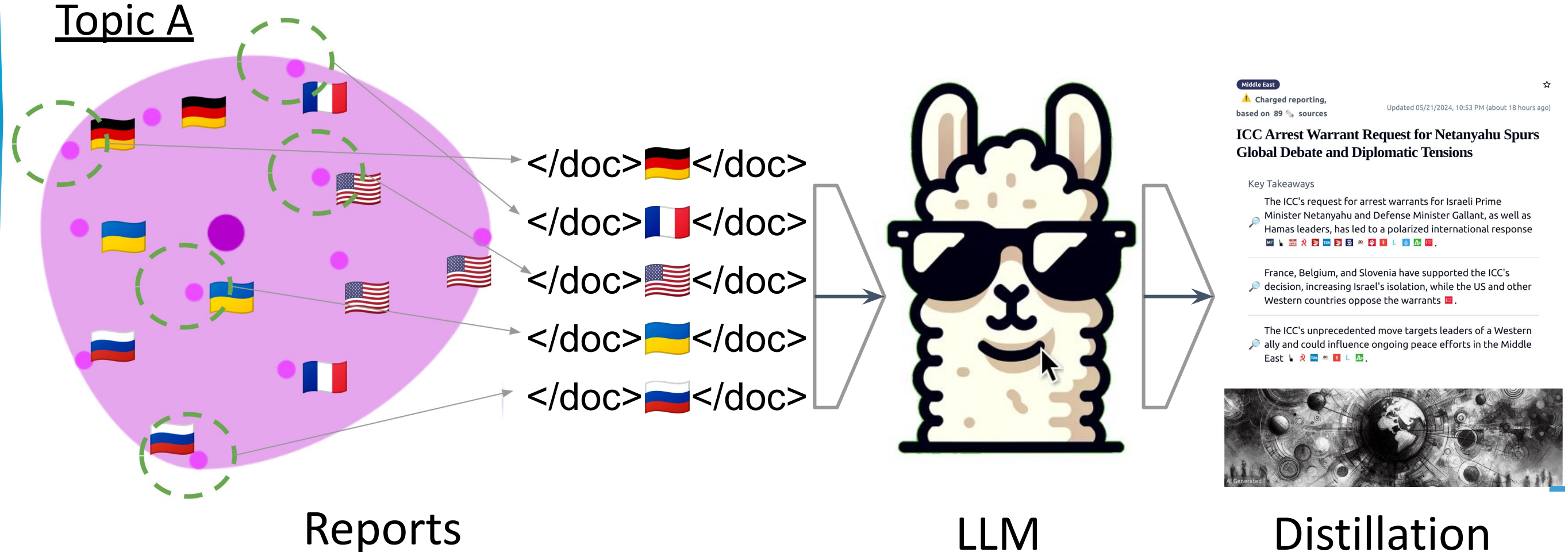
Enforcing diversity

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Enforcing diversity

- Document formatting
- Citation control
- Journalistic guidelines



Leveraging AskNews for context



Outsource your news context to AskNews



```
from asknews import AskNewsSDK
```

Blog article on [Medium](#)

```
ask = AskNewsSDK( )
```

```
query = "The effect of President Xi's visit to France on the Russo-Ukraine conflict"
```

```
news_context = ask.news.search_news(query).as_string
```

```
# Now run your Chat completion as usual:
```

```
system = {
```

```
    "role": "system",
```

```
    "content": f"A chat between a curious user and an artificial intelligence Assistant. The Assistant has access to the following news articles that may be useful for answering the User's questions:
```

```
{news_articles}"
```

```
}
```

```
response = oai.chat.completions.create(
```

```
    model="gpt-3.5-turbo",
```

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    messages=[system, user]
```

```
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```

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print(response.choices[0].message.content)
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Key technologies

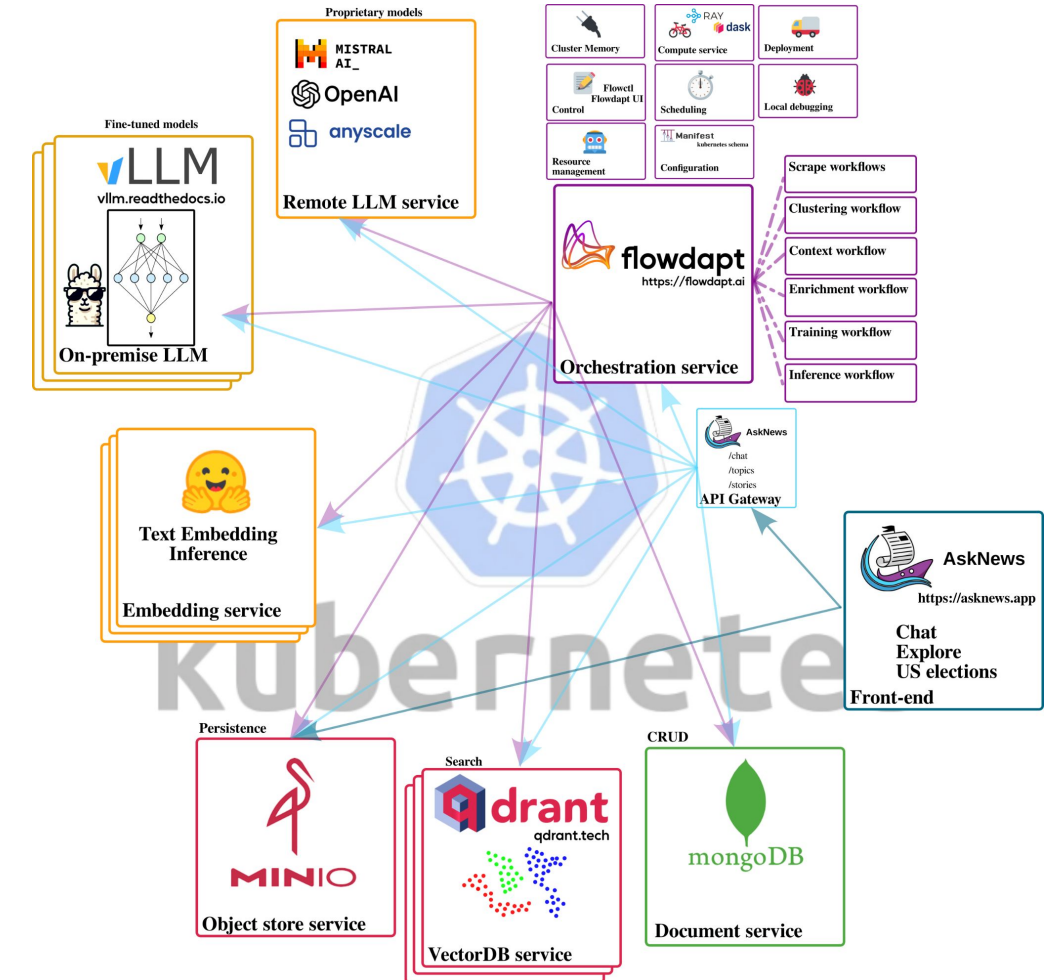


Key technologies

- High-coverage, high-reliability, enterprise news structuring
 - 50k+ news sources
 - 1 million articles per day
 - free academic use



</newscatcher>
<https://www.newscatcherapi.com/>



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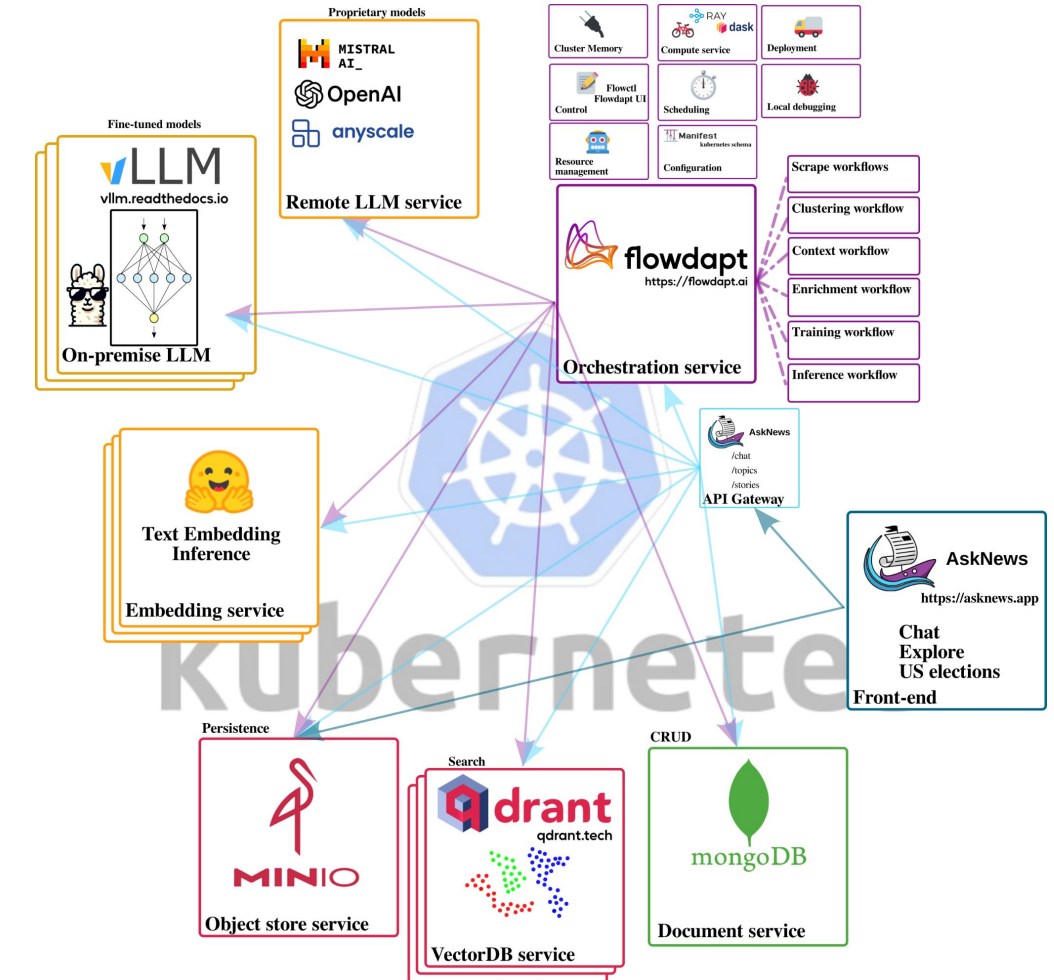


</newscatcher>
<https://www.newscatcherapi.com/>

- Highly parallelizable, highly scalable, industry grade
 - quantization = speed and cost savings
 - dense/sparse vectors = high flexibility
 - low-latency = non-optional in AI-first



qdrant
<https://qdrant.tech/>



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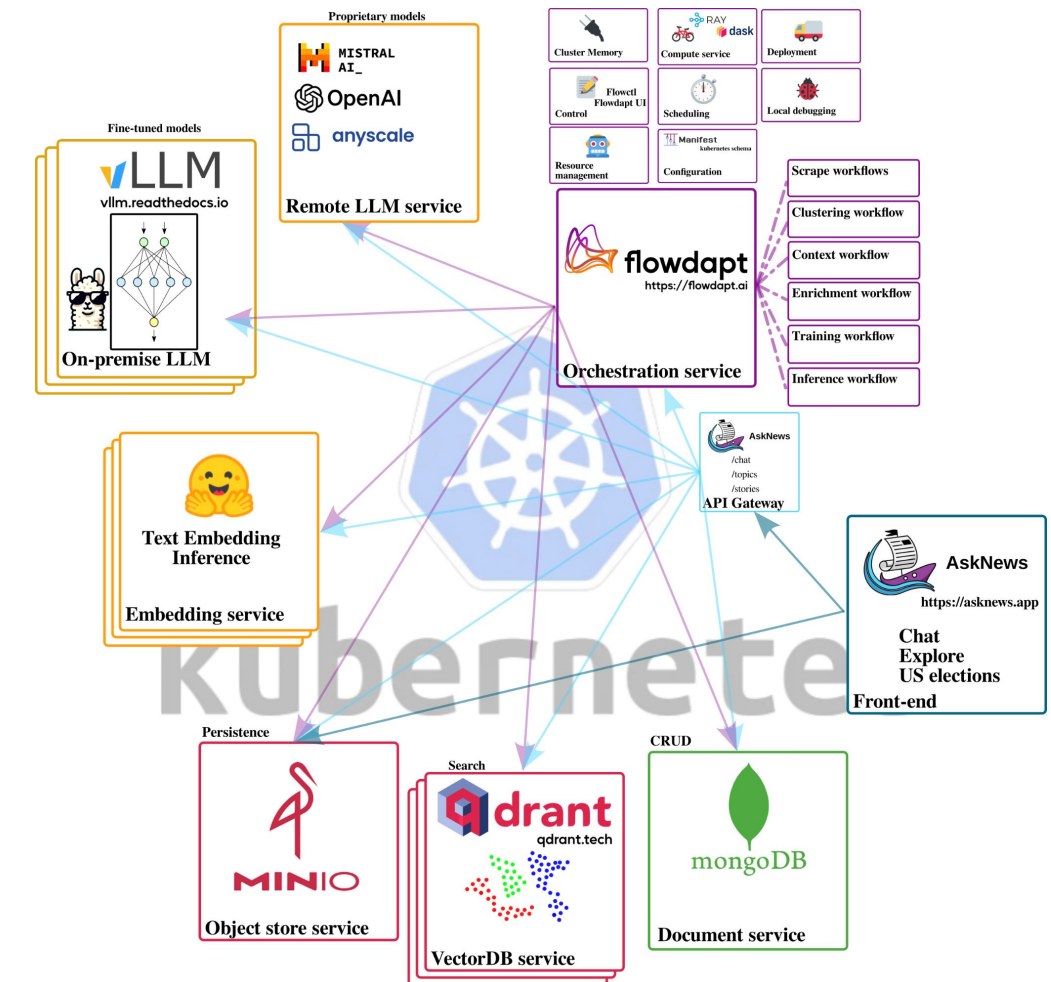


qdrant
<https://qdrant.tech/>










- Highly configurable, cluster orchestration
 - scheduling adaptive AI/ML workflows
 - orchestrating services



flowdapt
<https://flowdapt.ai/>



Outsource your news context to AskNews

-  Global coverage - 300k articles per day
-  Low-latency (100 ms) ready for tight spots in your LLM stack
-  [LangChain Tool](#) and Retriever available
-  SOTA custom entity extractor ([GLiNER-News](#))
-  Stories + clustering, Chat, Finance, Citation control
-  Hot topic following/tracking/filtering
-  Usage tracked - pay for what you use
-  Reddit perspective - include social context
-  Free news api <https://my.asknews.app/plans>



AskNews

<https://docs.asknews.app>



Thanks for your attention!



AskNews

Demand transparent news.

<https://asknews.app>

Robert Caulk, PhD & Elin Törnquist, PhD
CEO *Director of Transparency*

[rob at asknews.app](mailto:rob@asknews.app)

[elin at asknews.app](mailto:elin@asknews.app)



Emergent Methods

<https://emergentmethods.ai>