Sketching with AI

News Reading

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When I was asked to lead design for the new People magazine app for Dotdash Meredith in 2024, I dove deep into all the newly available tools and our relationship with OpenAI to see how I could optimize my workflow and do better smarter and faster. The app launched to become #1 in the App Store. I've been using AI to sketch and prototype new products as ideas have been coming to me since then. These are some of them.

We've reached an inflection point in creativity.

AI Tools

ChatGPT - trend mapping, insight generation, personas, PRDs, Tech Specs & pitch decks

Gemini - breadth-first research, live web grounding, and scanning across multiple sources for quick comparisons

Claude - narrative flow, scenario mapping, brainstorming

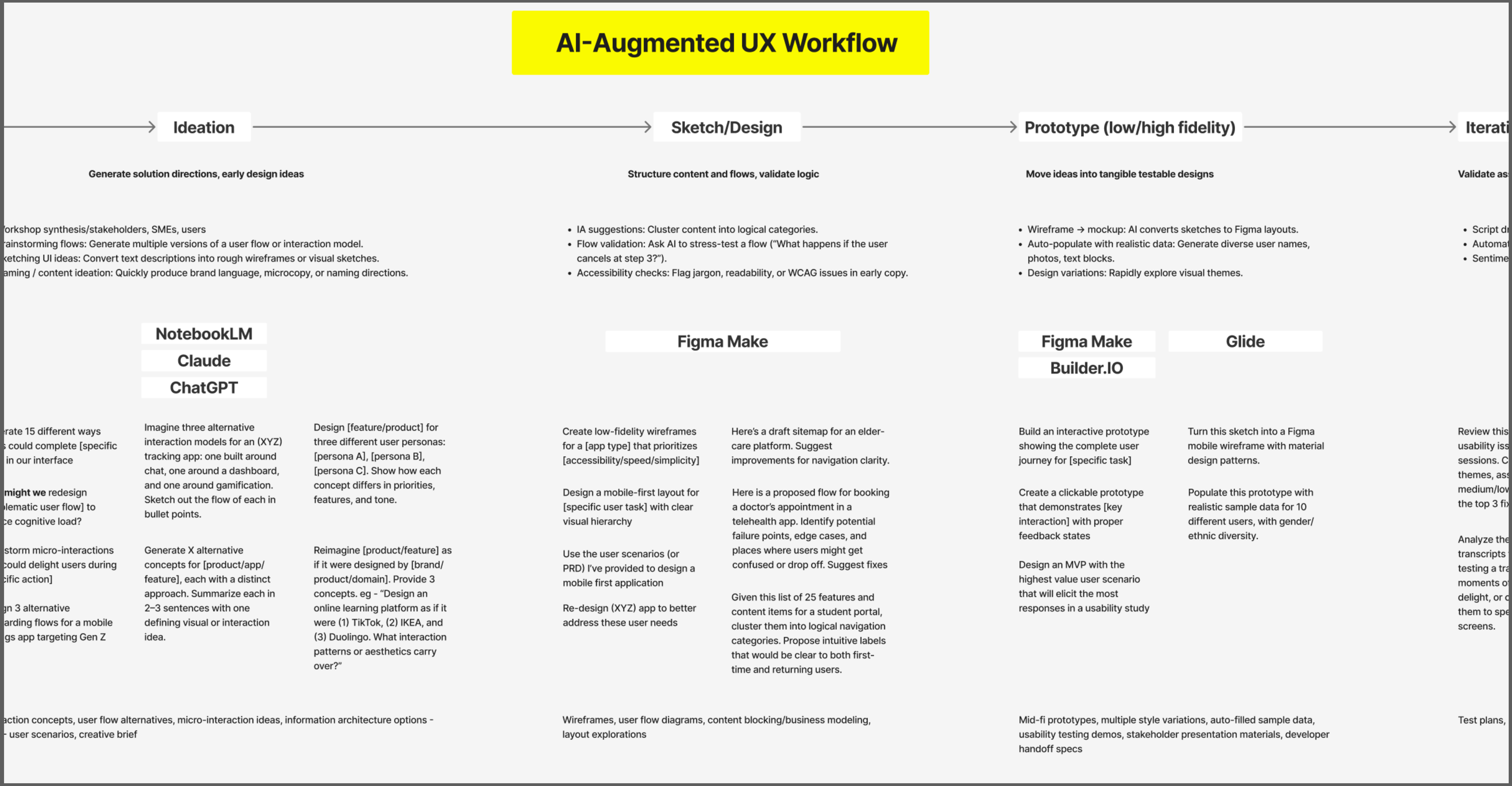
NotebookLM - deep analysis of documents, contextual knowledge extraction

Figma Make - natural language UI builder with live editing and fast iteration

Glide - natural language UI builder for mobile apps

Builder.io- natural language UI builder for mobile apps

Workflow



AI-Augmented UX Workflow

Ideation

Generate solution directions, early design ideas

orkshop synthesis/stakeholders, SMEs, users
ainstorming flows: Generate multiple versions of a user flow or interaction model.
etching UI ideas: Convert text descriptions into rough wireframes or visual sketches.
aming / content ideation: Quickly produce brand language, microcopy, or naming directions.

NotebookLM
Claude
ChatGPT

rate 15 different ways
could complete [specific
in our interface

might we redesign
lematic user flow] to
e cognitive load?

storm micro-interactions
could delight users during
ific action]

n 3 alternative
arding flows for a mobile
gs app targeting Gen Z

Imagine three alternative interaction models for an (XYZ) tracking app: one built around chat, one around a dashboard, and one around gamification. Sketch out the flow of each in bullet points.

Generate X alternative concepts for [product/app/feature], each with a distinct approach. Summarize each in 2–3 sentences with one defining visual or interaction idea.

Design [feature/product] for three different user personas: [persona A], [persona B], [persona C]. Show how each concept differs in priorities, features, and tone.

Reimagine [product/feature] as if it were designed by [brand/product/domain]. Provide 3 concepts. eg - “Design an online learning platform as if it were (1) TikTok, (2) IKEA, and (3) Duolingo. What interaction patterns or aesthetics carry over?”

action concepts, user flow alternatives, micro-interaction ideas, information architecture options -
- user scenarios, creative brief

Sketch/Design

Structure content and flows, validate logic

- IA suggestions: Cluster content into logical categories.
- Flow validation: Ask AI to stress-test a flow (“What happens if the user cancels at step 3?”).
- Accessibility checks: Flag jargon, readability, or WCAG issues in early copy.

Figma Make

Create low-fidelity wireframes for a [app type] that prioritizes [accessibility/speed/simplicity]

Design a mobile-first layout for [specific user task] with clear visual hierarchy

Use the user scenarios (or PRD) I’ve provided to design a mobile first application

Re-design (XYZ) app to better address these user needs

Here’s a draft sitemap for an elder-care platform. Suggest improvements for navigation clarity.

Here is a proposed flow for booking a doctor’s appointment in a telehealth app. Identify potential failure points, edge cases, and places where users might get confused or drop off. Suggest fixes

Given this list of 25 features and content items for a student portal, cluster them into logical navigation categories. Propose intuitive labels that would be clear to both first-time and returning users.

Wireframes, user flow diagrams, content blocking/business modeling, layout explorations

Prototype (low/high fidelity)

Move ideas into tangible testable designs

- Wireframe → mockup: AI converts sketches to Figma layouts.
- Auto-populate with realistic data: Generate diverse user names, photos, text blocks.
- Design variations: Rapidly explore visual themes.

Figma Make
Builder.IO
Glide

Build an interactive prototype showing the complete user journey for [specific task]

Create a clickable prototype that demonstrates [key interaction] with proper feedback states

Design an MVP with the highest value user scenario that will elicit the most responses in a usability study

Turn this sketch into a Figma mobile wireframe with material design patterns.

Populate this prototype with realistic sample data for 10 different users, with gender/ethnic diversity.

Mid-fi prototypes, multiple style variations, auto-filled sample data, usability testing demos, stakeholder presentation materials, developer handoff specs

Iterati

Validate as

- Script d
- Automat
- Sentime

Review this
usability iss
sessions. C
themes, ass
medium/low
the top 3 fix

Analyze the
transcripts
testing a tra
moments o
delight, or c
them to spe
screens.

Test plans,

Just Enough

The sketches are “just enough” to convey the purpose and function of each - and just enough to share and test.

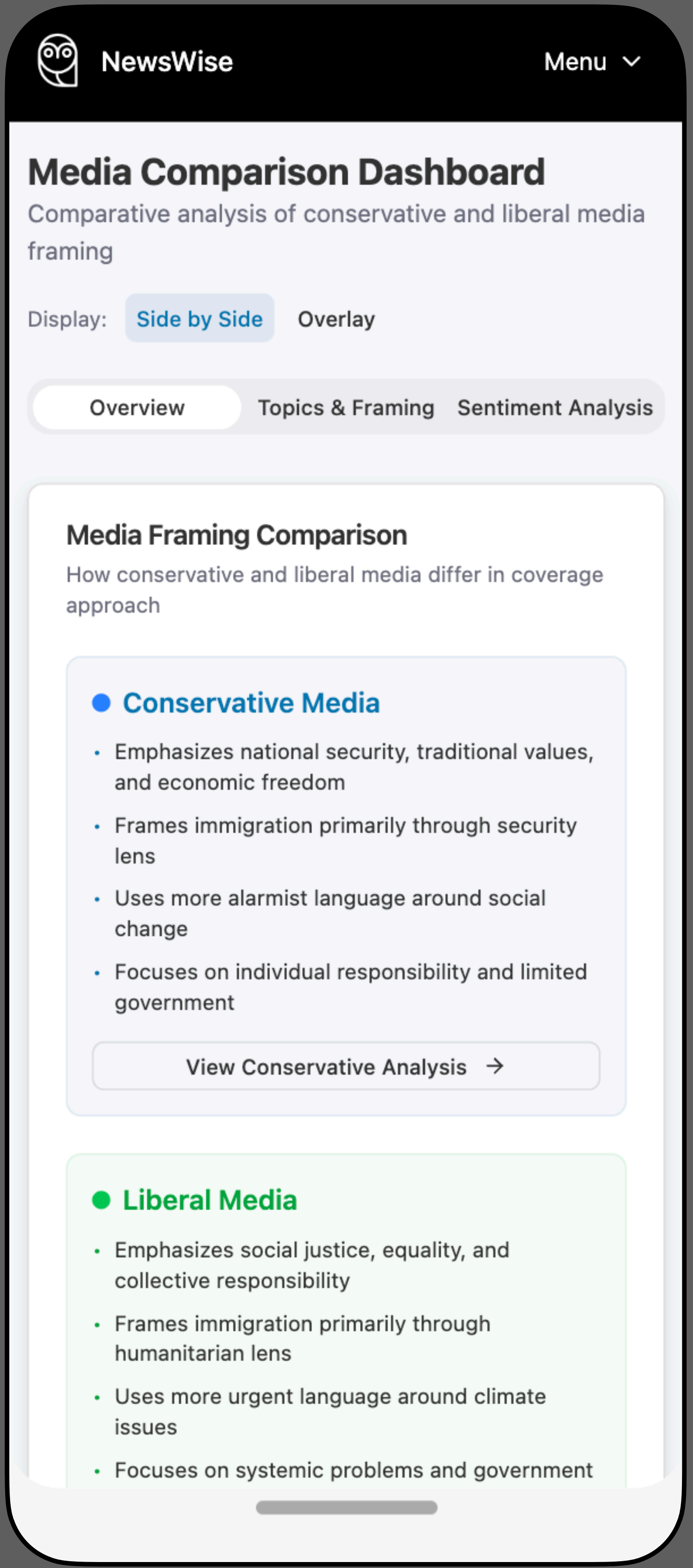
The News

My research while at Dow Jones/The Wall Street Journal and Dotdash Meredith revealed the challenges publishers have encouraging readers to read articles. The following designs/prototypes are meant to help readers engage more deeply with the news they read.

NewsWise

A sentiment analysis tool for the news

As a student of anthropology interested in linguistics, I built this prototype to help me understand sentiment, framing metaphors and splitting language being used by both conservative and liberal media sources.


NewsWise
Menu
Display:
Side by Side
Overlay
Overview
Topics & Framing
Sentiment Analysis
View Conservative Analysis →

Media Comparison Dashboard

Comparative analysis of conservative and liberal media framing

Media Framing Comparison

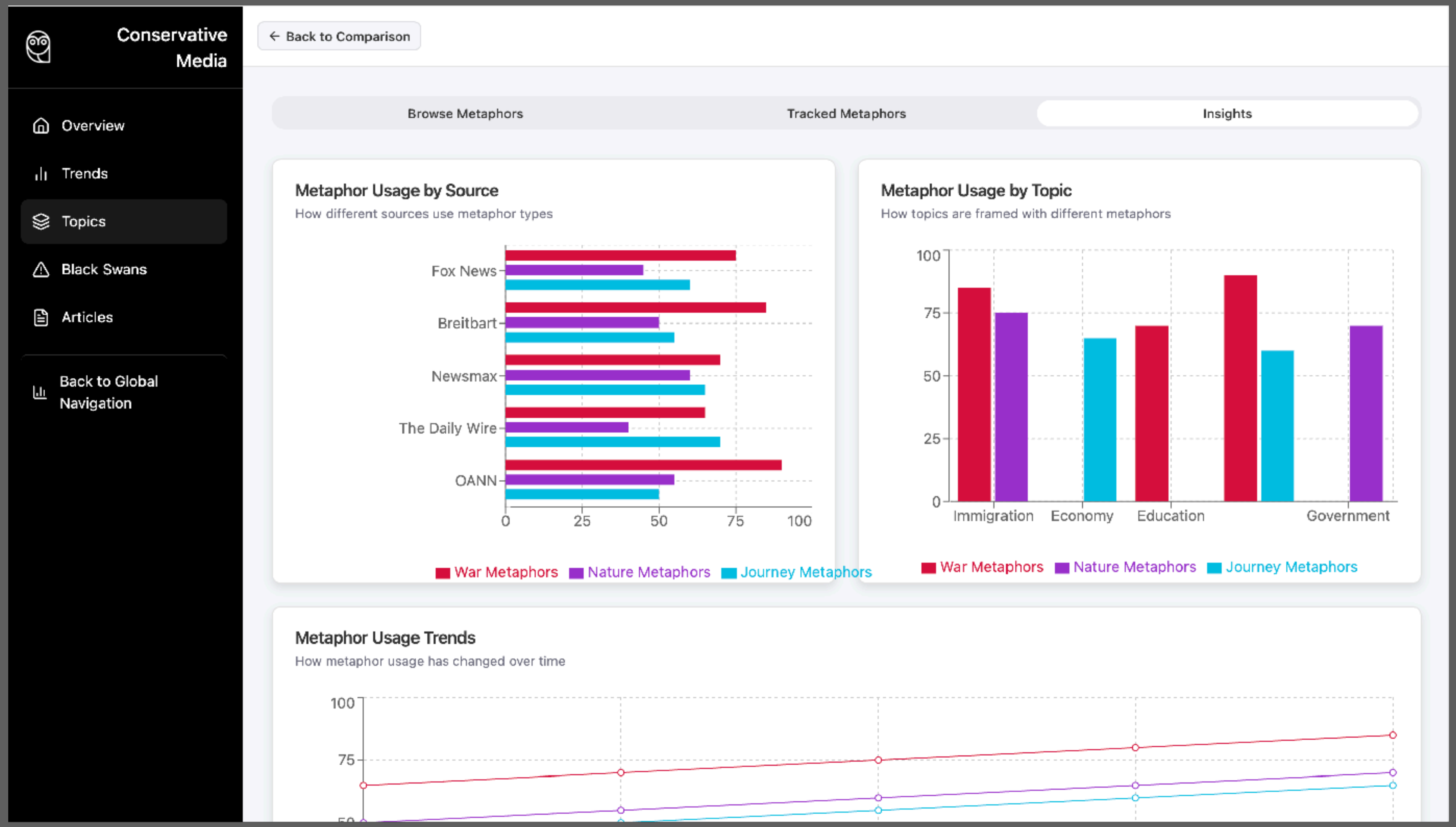
How conservative and liberal media differ in coverage approach

Conservative Media

- Emphasizes national security, traditional values, and economic freedom
- Frames immigration primarily through security lens
- Uses more alarmist language around social change
- Focuses on individual responsibility and limited government

Liberal Media

- Emphasizes social justice, equality, and collective responsibility
- Frames immigration primarily through humanitarian lens
- Uses more urgent language around climate issues
- Focuses on systemic problems and government


Conservative Media
← Back to Comparison
Overview
Trends
Topics
Black Swans
Articles
Back to Global Navigation
Browse Metaphors
Tracked Metaphors
Insights
Fox News
Breitbart
Newsmax
The Daily Wire
OANN
0
25
50
75
100
War Metaphors
Nature Metaphors
Journey Metaphors
100
75
50
25
0
Immigration
Economy
Education
Government
War Metaphors
Nature Metaphors
Journey Metaphors
100
75

Metaphor Usage by Source

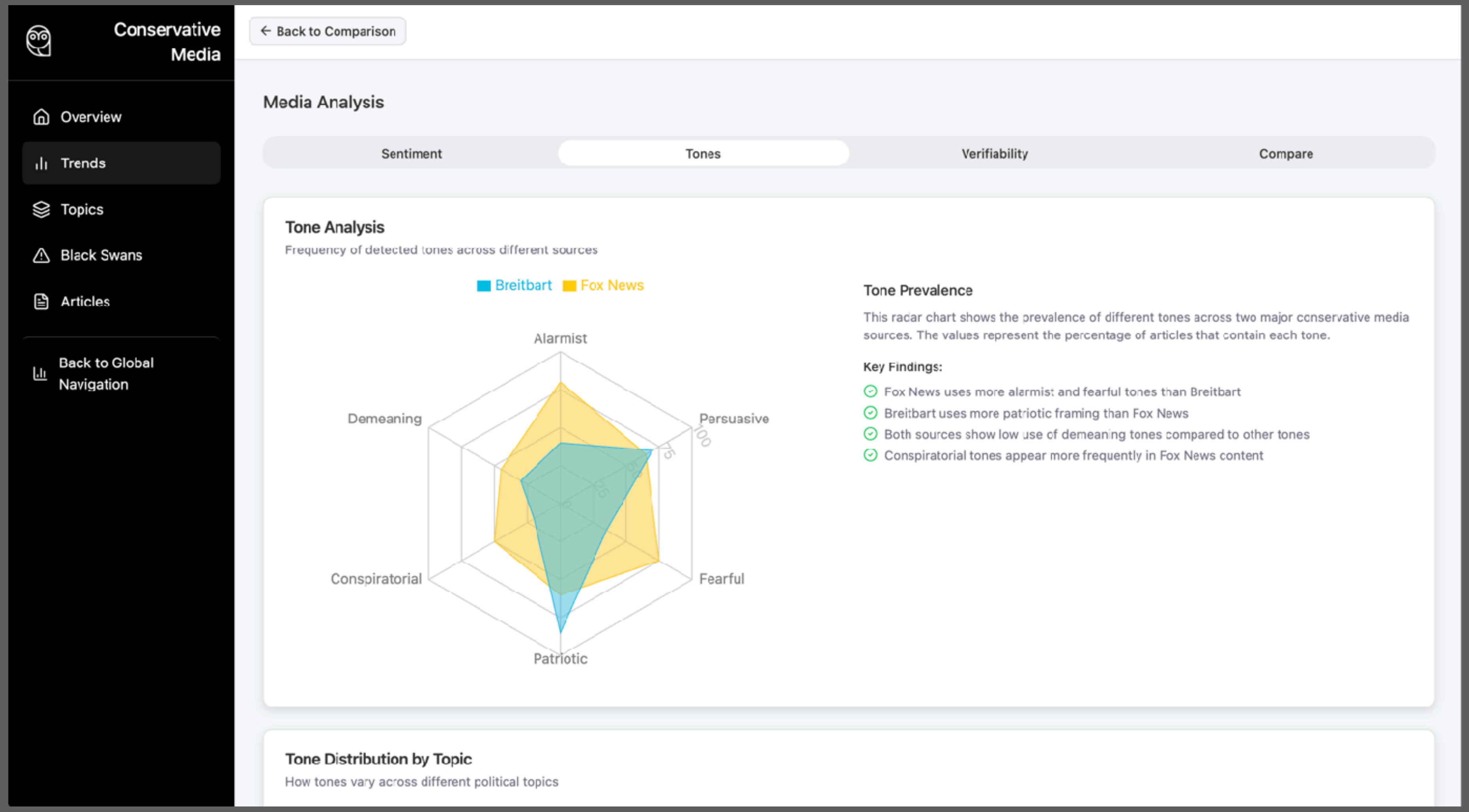
How different sources use metaphor types

Metaphor Usage by Topic

How topics are framed with different metaphors

Metaphor Usage Trends

How metaphor usage has changed over time


Conservative Media
← Back to Comparison
Overview
Trends
Topics
Black Swans
Articles
Back to Global Navigation
Sentiment
Tones
Verifiability
Compare
Breitbart
Fox News
Alarmist
Persuasive
Fearful
Patriotic
Conspiratorial
Demeaning
0
25
50
75
100

Media Analysis

Tone Analysis

Frequency of detected tones across different sources

Tone Prevalence

This radar chart shows the prevalence of different tones across two major conservative media sources. The values represent the percentage of articles that contain each tone.

Key Findings:

- Fox News uses more alarmist and fearful tones than Breitbart
- Breitbart uses more patriotic framing than Fox News
- Both sources show low use of demeaning tones compared to other tones
- Conspiratorial tones appear more frequently in Fox News content

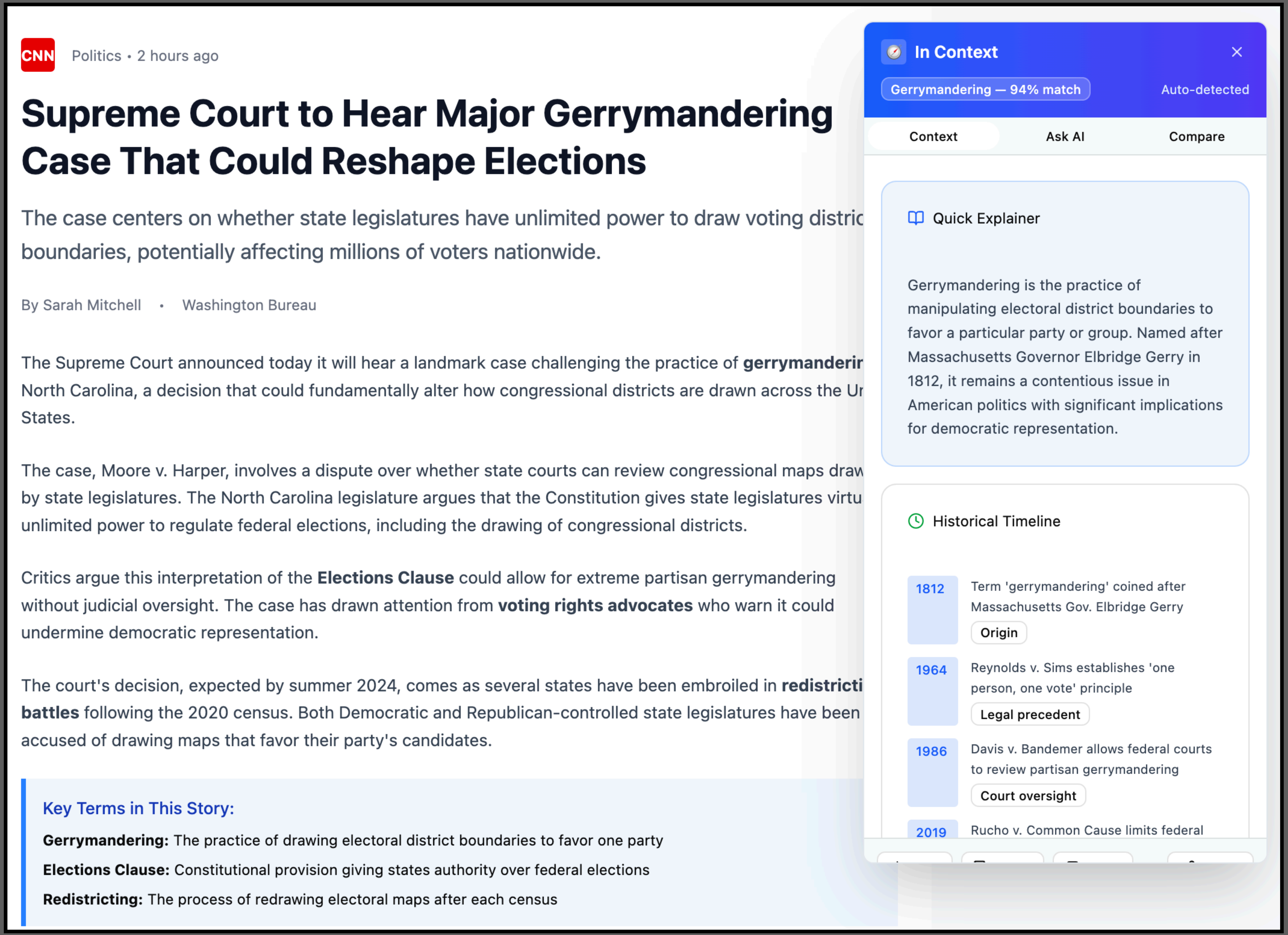
Tone Distribution by Topic

How tones vary across different political topics

InContext

Giving the news of the day some historical context

Many readers, including myself, read a news article without understanding historical context or precedence. What happened before? What led to this? I created this browser extension for Chrome to help readers become better informed.



Politics • 2 hours ago

Supreme Court to Hear Major Gerrymandering Case That Could Reshape Elections

The case centers on whether state legislatures have unlimited power to draw voting distric boundaries, potentially affecting millions of voters nationwide.

By Sarah Mitchell • Washington Bureau

The Supreme Court announced today it will hear a landmark case challenging the practice of **gerrymanderir** North Carolina, a decision that could fundamentally alter how congressional districts are drawn across the Ur States.

The case, Moore v. Harper, involves a dispute over whether state courts can review congressional maps draw by state legislatures. The North Carolina legislature argues that the Constitution gives state legislatures virtu unlimited power to regulate federal elections, including the drawing of congressional districts.

Critics argue this interpretation of the **Elections Clause** could allow for extreme partisan gerrymandering without judicial oversight. The case has drawn attention from **voting rights advocates** who warn it could undermine democratic representation.

The court's decision, expected by summer 2024, comes as several states have been embroiled in **redistricti battles** following the 2020 census. Both Democratic and Republican-controlled state legislatures have been accused of drawing maps that favor their party's candidates.

Key Terms in This Story:

Gerrymandering: The practice of drawing electoral district boundaries to favor one party

Elections Clause: Constitutional provision giving states authority over federal elections

Redistricting: The process of redrawing electoral maps after each census

Quick Explainer

Gerrymandering is the practice of manipulating electoral district boundaries to favor a particular party or group. Named after Massachusetts Governor Elbridge Gerry in 1812, it remains a contentious issue in American politics with significant implications for democratic representation.

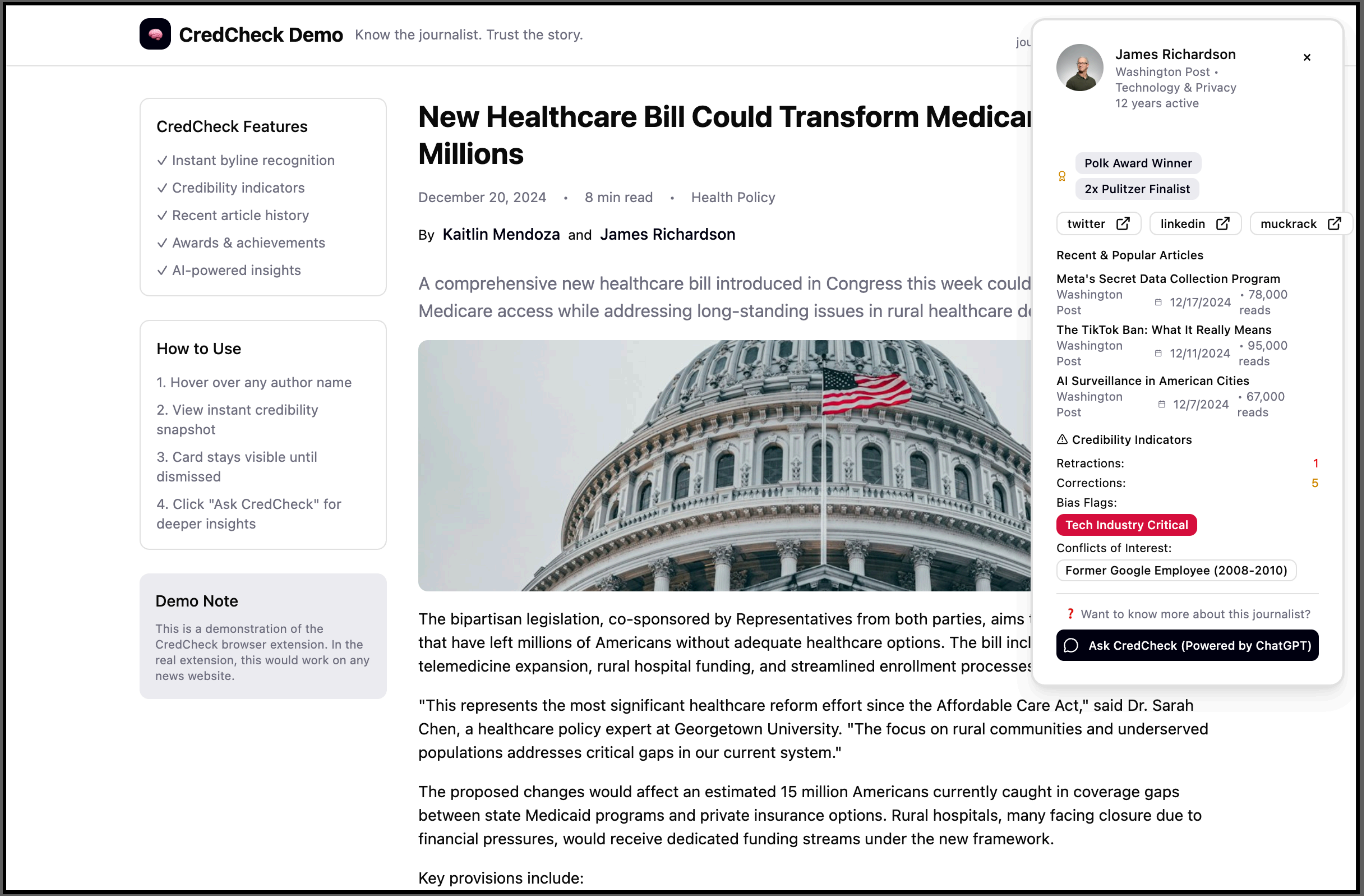
Historical Timeline

1812	Term 'gerrymandering' coined after Massachusetts Gov. Elbridge Gerry Origin
1964	Reynolds v. Sims establishes 'one person, one vote' principle Legal precedent
1986	Davis v. Bandemer allows federal courts to review partisan gerrymandering Court oversight
2019	Rucho v. Common Cause limits federal

CredCheck

Who wrote this article? Why should I trust them?

A Chrome plug-in. Oftentimes, I'd like to check the credentials of a journalist. Are they qualified? What have they written before? Any retractions? What else have they written?



CredCheck Demo Know the journalist. Trust the story.

jou

CredCheck Features

- ✓ Instant byline recognition
- ✓ Credibility indicators
- ✓ Recent article history
- ✓ Awards & achievements
- ✓ AI-powered insights

How to Use

1. Hover over any author name
2. View instant credibility snapshot
3. Card stays visible until dismissed
4. Click "Ask CredCheck" for deeper insights

Demo Note

This is a demonstration of the CredCheck browser extension. In the real extension, this would work on any news website.

New Healthcare Bill Could Transform Medica
Millions

December 20, 2024 • 8 min read • Health Policy

By **Kaitlin Mendoza** and **James Richardson**

A comprehensive new healthcare bill introduced in Congress this week could
Medicare access while addressing long-standing issues in rural healthcare d

The bipartisan legislation, co-sponsored by Representatives from both parties, aims
that have left millions of Americans without adequate healthcare options. The bill incl
telemedicine expansion, rural hospital funding, and streamlined enrollment processes

"This represents the most significant healthcare reform effort since the Affordable Care Act," said Dr. Sarah Chen, a healthcare policy expert at Georgetown University. "The focus on rural communities and underserved populations addresses critical gaps in our current system."

The proposed changes would affect an estimated 15 million Americans currently caught in coverage gaps between state Medicaid programs and private insurance options. Rural hospitals, many facing closure due to financial pressures, would receive dedicated funding streams under the new framework.

Key provisions include:

James Richardson ×
Washington Post •
Technology & Privacy
12 years active

Polk Award Winner
2x Pulitzer Finalist

Recent & Popular Articles

Meta's Secret Data Collection Program
Washington Post 12/17/2024 • 78,000 reads

The TikTok Ban: What It Really Means
Washington Post 12/11/2024 • 95,000 reads

AI Surveillance in American Cities
Washington Post 12/7/2024 • 67,000 reads

⚠ Credibility Indicators

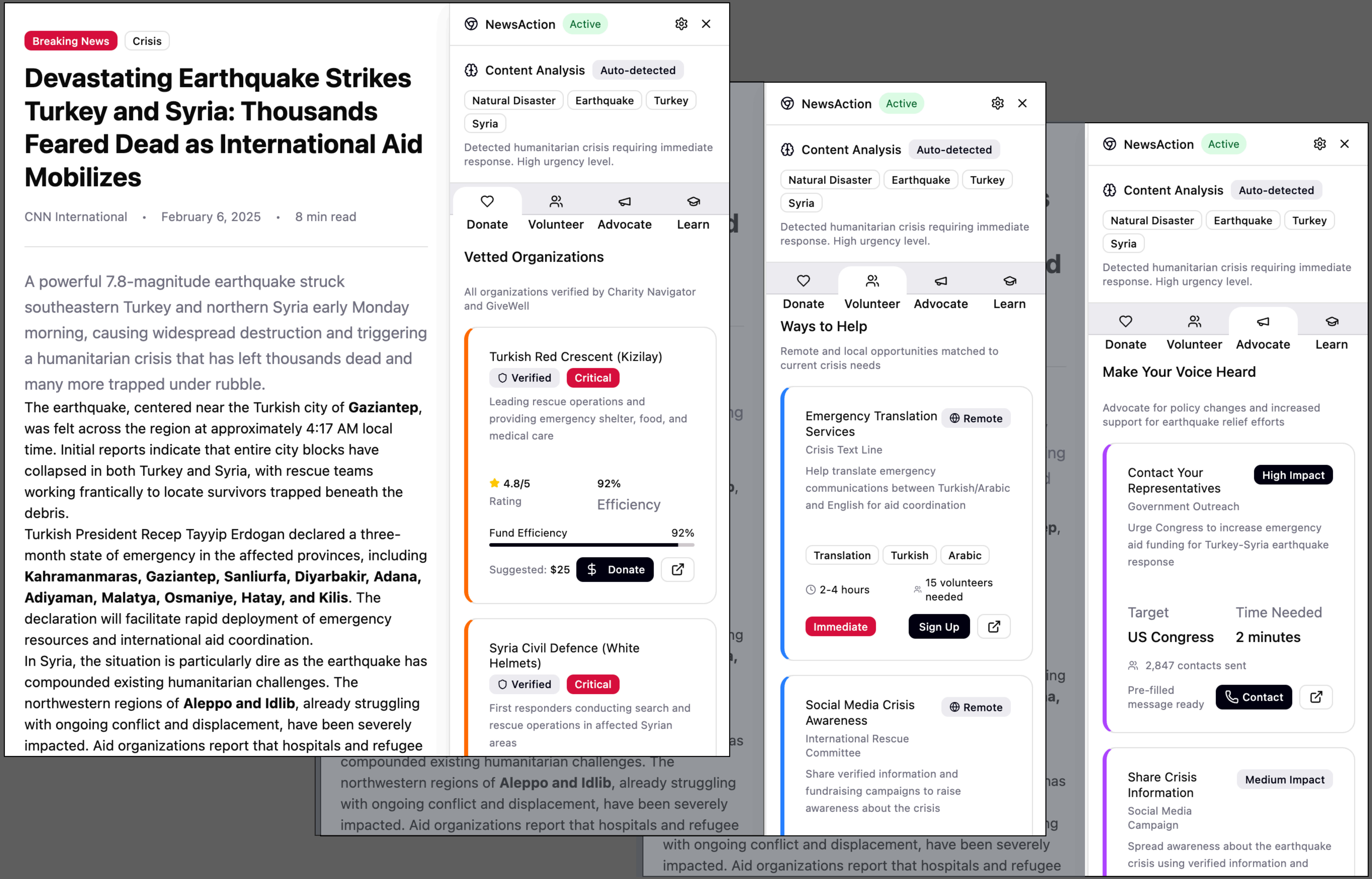
Retractions: 1
Corrections: 5
Bias Flags:
Tech Industry Critical
Conflicts of Interest:
Former Google Employee (2008-2010)

? Want to know more about this journalist?

NewsAction

Turning News Reading Into Charitable Action

NewsAction is a Chrome extension that analyzes news articles and instantly suggests ways to help—from donating to relevant charities to finding volunteer opportunities. It transforms the helpless feeling from reading tragic news into concrete action with just a few clicks.channeling your concern into real impact.



Devastating Earthquake Strikes Turkey and Syria: Thousands Feared Dead as International Aid Mobilizes

CNN International • February 6, 2025 • 8 min read

A powerful 7.8-magnitude earthquake struck southeastern Turkey and northern Syria early Monday morning, causing widespread destruction and triggering a humanitarian crisis that has left thousands dead and many more trapped under rubble.

The earthquake, centered near the Turkish city of **Gaziantep**, was felt across the region at approximately 4:17 AM local time. Initial reports indicate that entire city blocks have collapsed in both Turkey and Syria, with rescue teams working frantically to locate survivors trapped beneath the debris.

Turkish President Recep Tayyip Erdogan declared a three-month state of emergency in the affected provinces, including **Kahramanmaras, Gaziantep, Sanliurfa, Diyarbakir, Adana, Adiyaman, Malatya, Osmaniye, Hatay, and Kilis**. The declaration will facilitate rapid deployment of emergency resources and international aid coordination.

In Syria, the situation is particularly dire as the earthquake has compounded existing humanitarian challenges. The northwestern regions of **Aleppo and Idlib**, already struggling with ongoing conflict and displacement, have been severely impacted. Aid organizations report that hospitals and refugee

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Content Analysis

Detected humanitarian crisis requiring immediate response. High urgency level.

Vetted Organizations

All organizations verified by Charity Navigator and GiveWell

Turkish Red Crescent (Kizilay)

Leading rescue operations and providing emergency shelter, food, and medical care

★ 4.8/5 Rating

92% Efficiency

Fund Efficiency 92%

Suggested: $25

Syria Civil Defence (White Helmets)

First responders conducting search and rescue operations in affected Syrian areas

NewsAction Active

Content Analysis Auto-detected

Natural Disaster Earthquake Turkey Syria

Detected humanitarian crisis requiring immediate response. High urgency level.

Donate Volunteer Advocate Learn

Ways to Help

Remote and local opportunities matched to current crisis needs

Emergency Translation Services

Crisis Text Line

Help translate emergency communications between Turkish/Arabic and English for aid coordination

2-4 hours

15 volunteers needed

Social Media Crisis Awareness

International Rescue Committee

Share verified information and fundraising campaigns to raise awareness about the crisis

NewsAction Active

Content Analysis Auto-detected

Natural Disaster Earthquake Turkey Syria

Detected humanitarian crisis requiring immediate response. High urgency level.

Donate Volunteer Advocate Learn

Make Your Voice Heard

Advocate for policy changes and increased support for earthquake relief efforts

Contact Your Representatives

Government Outreach

Urge Congress to increase emergency aid funding for Turkey-Syria earthquake response

Target: US Congress

Time Needed: 2 minutes

2,847 contacts sent

Pre-filled message ready

Share Crisis Information

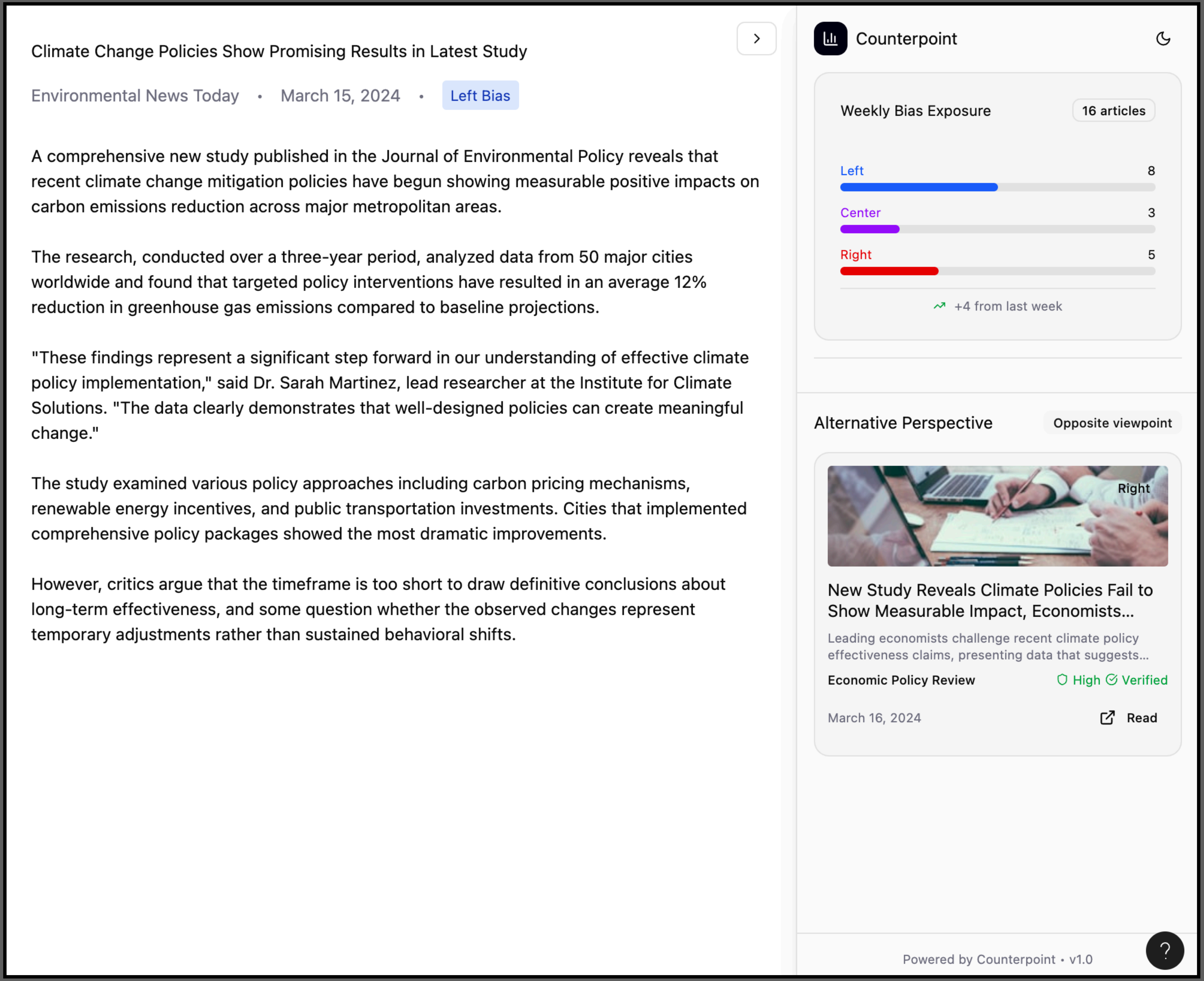
Social Media Campaign

Spread awareness about the earthquake crisis using verified information and

Counterpoint

What is the other side saying?

A browser extension for Chrome to help readers better understand the historical context of a news event.



Climate Change Policies Show Promising Results in Latest Study

Environmental News Today • March 15, 2024 • Left Bias

A comprehensive new study published in the Journal of Environmental Policy reveals that recent climate change mitigation policies have begun showing measurable positive impacts on carbon emissions reduction across major metropolitan areas.

The research, conducted over a three-year period, analyzed data from 50 major cities worldwide and found that targeted policy interventions have resulted in an average 12% reduction in greenhouse gas emissions compared to baseline projections.

"These findings represent a significant step forward in our understanding of effective climate policy implementation," said Dr. Sarah Martinez, lead researcher at the Institute for Climate Solutions. "The data clearly demonstrates that well-designed policies can create meaningful change."

The study examined various policy approaches including carbon pricing mechanisms, renewable energy incentives, and public transportation investments. Cities that implemented comprehensive policy packages showed the most dramatic improvements.

However, critics argue that the timeframe is too short to draw definitive conclusions about long-term effectiveness, and some question whether the observed changes represent temporary adjustments rather than sustained behavioral shifts.

Counterpoint

Weekly Bias Exposure — 16 articles

Left	8
Center	3
Right	5

+4 from last week

Alternative Perspective — Opposite viewpoint

New Study Reveals Climate Policies Fail to Show Measurable Impact, Economists...

Leading economists challenge recent climate policy effectiveness claims, presenting data that suggests...

Economic Policy Review — High ✓ Verified

March 16, 2024 — Read

Powered by Counterpoint • v1.0

Thank you

Video module
Description
Menu

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