



2129020 The future of news work: Human-technology collaboration for journalistic research and narrative discovery

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PROBLEM:
Journalists keep the public informed by questioning misleading narratives promoted by the government in press releases.

However, **brainstorming angles from a press release is a cognitively taxing process**, requiring careful consideration of potential controversies for each claim in the document.

SYSTEM and EXAMPLE:
To support angle exploration for press releases we created AngleKindling – which uses a LLM to generate potential angles. Here's how it'd be used for the press release on wind power.

1) The journalist starts by reading the press release.

Mayor Adams Announces Agreement to Transform South Brooklyn Marine Terminal Into Leading Offshore Wind Hub

March 3, 2022

Terminal to Become One of Largest Offshore Wind Port Facilities in Nation

Agreement Will Create Major Economic Opportunity and Investments, Support 13,000 Local Jobs Over Time and Over 1,000 at SBMT

NEW YORK – New York City Mayor Eric Adams today announced an agreement that will transform the city-owned South Brooklyn Marine Terminal (SBMT) into one of the largest offshore wind port facilities in the nation. The agreement will help establish New York as a leader in offshore wind and help the New York City meet its nation-leading climate goals of 100 percent clean electricity by 2040.

As part of the deal finalized by the New York City Economic Development Corporation (NYCEDC), Equinor, its partner — bp — and Sustainable South Brooklyn Marine Terminal, L.P. (SSBMT) will upgrade and build out the terminal as an operations and maintenance base. The terminal will become a power interconnection site for the

- Areas to investigate**
- (1) **13,000 jobs is a lot.** Who will get these jobs? Will the local community benefit? Will there really be 13,000? How was this estimated? How does this compare to the job count past wind farms?
 - (2) **100% clean energy by 2040 seems hard to reach.** What else is NYC doing to reach this goal? How much will this new wind farm help? Are there any potential negative environmental affects for building this new hub?
 - (3) **Equinor and bp are petroleum companies that have historically damaged the environment!** Why are they leading this project? How much power do they have? Will they have our best interests at heart?

SOLUTION:
We investigate how large language models (LLMs) like GPT-3 can help journalists explore angles for press releases.

- The system uses GPT-3 to
- 1) summarize the main points of the press release,
 - 2) to identify potential sources of controversy
 - 3) to find semantically related articles that might help generate angles

Journalist's notes

- How much will this new wind hub help NYC's climate goals?
- What kind of jobs will local residents get?

2) They examine AngleKindling's generated controversies. Two new angles catch their eye.

Journalist's notes

- How much will this new wind hub help NYC's climate goals?
- Can there be short-term damage to the environment from wind turbines?
- Equinor is a petroleum company – how much control do they have?

3) They select the angle on Equinor's power to view historical context. They see an article about how the British electricity company SSE has moved from a green energy mix to one with more fossil fuels.

Journalist's notes

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- What kind of jobs will local residents get?
- Can there be short-term damage to the environment from wind turbines?
- Equinor is a petroleum company – how much control do they have?
 - Might Equinor follow suit?

4) They use the related content button, which highlights portions of the text relevant to the controversy.

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From this, the journalist discovered a story angle that Equinor (an oil company) is involved in this wind energy project. The journalist will now investigate whether Equinor's role in NYC's energy future presents a conflict of interest.