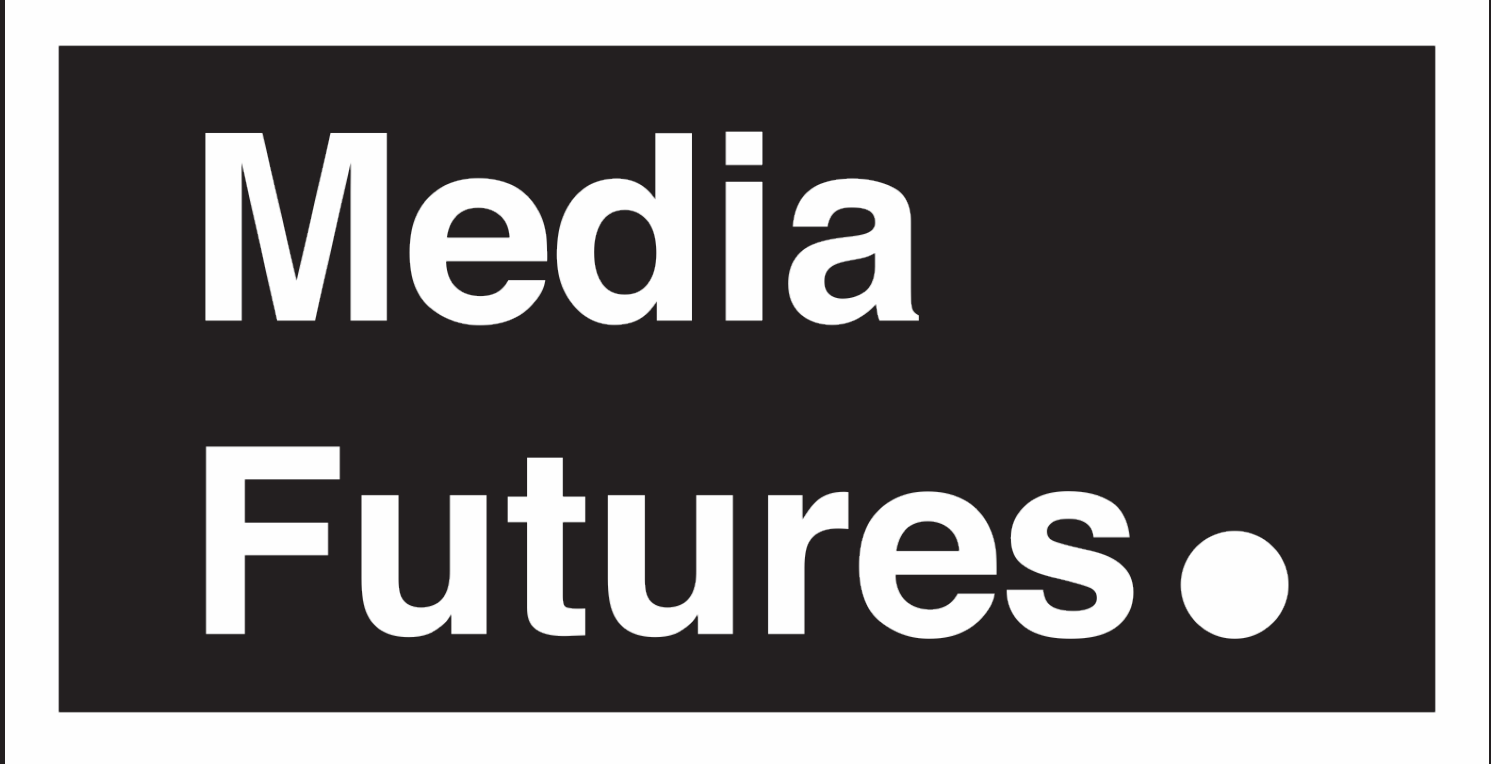


LLM-Powered Tool to Support Editors & Journalists Select Related News Articles

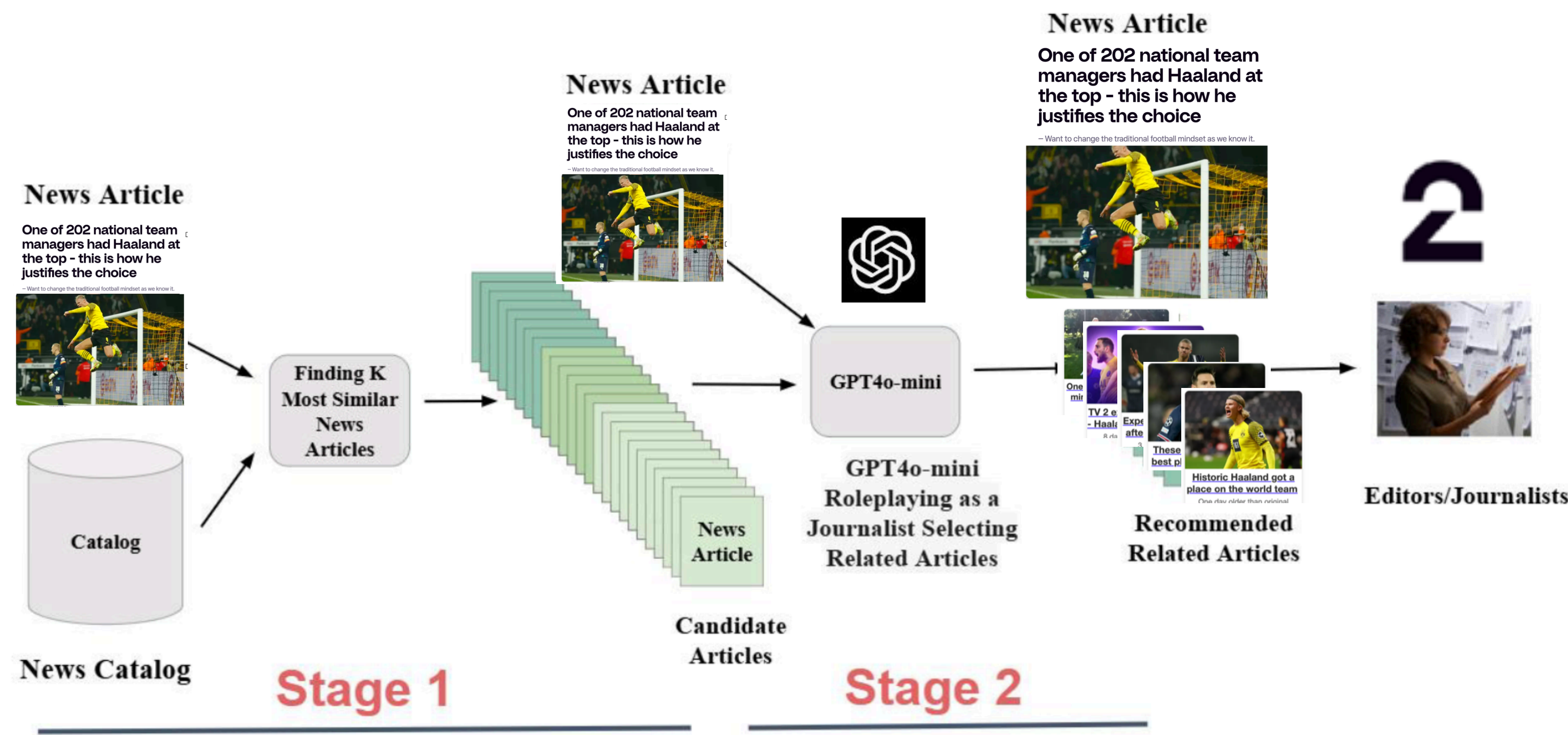
Bilal Mahmood (PhD Candidate @ University of Bergen)
Luca Blaauw Fossen (Research Assistant @ University of Bergen)
Mehdi Elahi (Professor @ University of Bergen)
Samia Touileb (Associate Professor @ University of Bergen)
Lubos Steskal (Strategic AI Advisor @ TV 2)



Abstract

Editors and journalists are essential to news platforms, creating credible news stories, choosing front-page news articles, and selecting related news articles for their readers. The task of selecting related news articles is often done manually and can be time-intensive. To address the challenge, this research work proposes an AI tool, leveraging Large Language Model (LLM), GPT4o-mini, to generate related news article recommendations for editors and journalists.

Approach



Overall schematic view of our 2-stage approach to support journalists and editors in their workflow of selecting related news articles for a given news article.

System Prompt

You are a journalist and want to select the related article. I will give you two articles, one main article and the other potential related article and you have to tell me whether that potential article is related or not by providing a score on a scale from 1 to 10. Return the result in a JSON format with related score, and explanations describing the reasoning behind the score as keys. The explanations should be less than 50 words. Start the explanation with the main article and then the potential article.

Prompt

Main article: {main_article} Potential article: {potential_article}. Answer:

System prompt given to the LLM asking it to give relatedness score to the potential news article as if it were a journalist.

LLM Powered Tool

Related news article recommender system prototype to assist journalists and editors pick related news articles at TV 2.

Survey: AI For Journalists

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Main article:

One of 202 national team managers had Haaland at the top - this is how he justifies the choice
– Want to change the traditional football mindset as we know it.
Watch Fotballbørsen's Haaland special in the video window above. Erling Braut Haaland collected votes from all corners of the world when national team managers and captains voted for their three favorites from the football year 2021. But of the 202 national team managers who participated in the FIFA selection, where Haaland became the first Norwegian ever to take a place in this year's team, only one had the Jærbuen as number one on his list: L... [Read more \(opens in new tab\)](#)

AI recommendations for related articles:

Historic Haaland got a place on the world team
One day older than original
These players are on the FIFA World Team.

These can be voted the best player in the world
13 days older than original
FIFA has now announced who still remains in the race to win their coveted award for the world's best footballer.

Expect big clubs to react after Haaland interview
3 days older than original
Germany expert believes the Braut Haaland interview could speed things up, while Dortmund announces talks with the super striker.

TV 2 experts' world team - Haaland beats Ronaldo
8 days older than original
Monday night we will find out if Erling Braut Haaland will make history as a male Norwegian footballer. In the meantime, you can enjoy TV 2's football editorial team's picks for this year's team, as well as vote for your own favorites here.

One world star, one gold mine and one clubless promotion hero
27 days older than original
– I think it's absolutely wild, says the "unknown" member about his friends in Flow Kingz.

Tool designed by Luca Blaauw Fossen
<https://158.39.74.85/article/TV2-14503768>

Preliminary Results

Considering feedback from journalists at TV 2, one of the largest editor-managed commercial media houses in Norway, the demo tool had a good level of accuracy in generating recommendations for related news articles😊