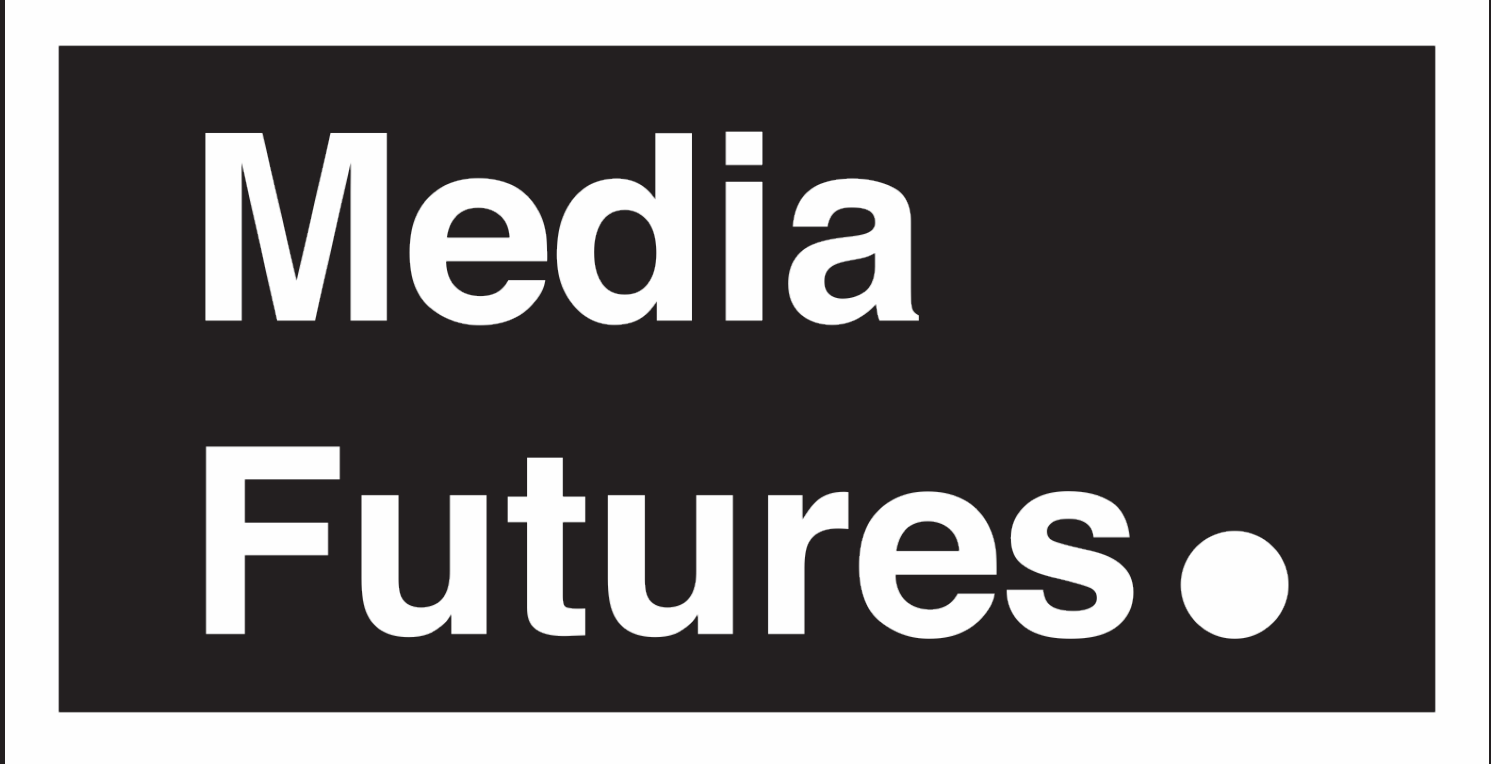# LLM-Powered Tool to Support Editors & Journalists Select Related News Articles
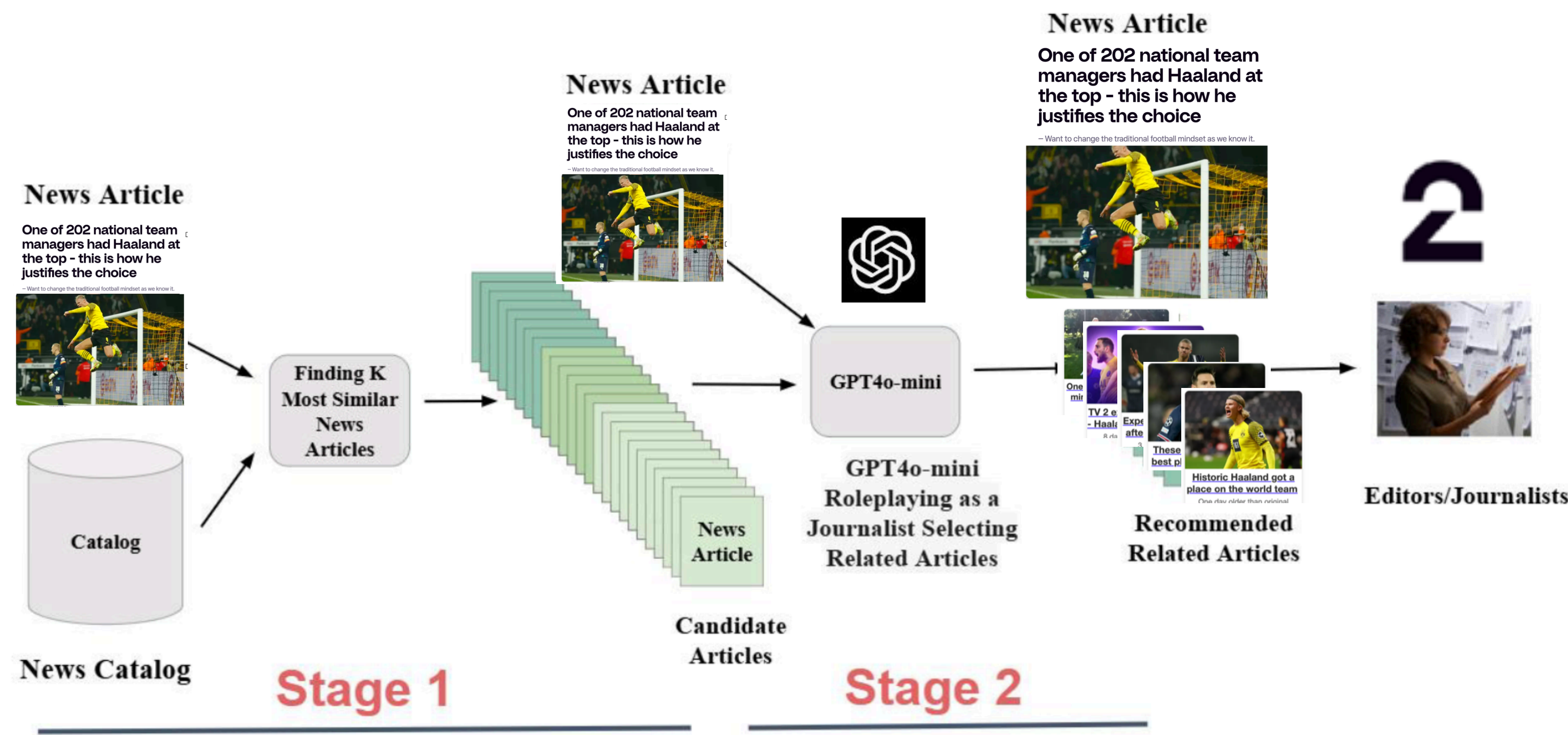
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Media Futures.

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.

Tool designed by Luca Blaauw Fossen
http://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☺

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