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Topic: Misinformation_and_Fake_News

Type	Title	URL	Summary
academic	deepfake-detection_69.pdf	https://paperswithcode.com/paper/towards-quantitative-evaluation-of	This document appears to be a research paper on explainable AI methods for deepfake detection. The authors present a novel approach called "Neurosymbolic Approach" that uses Sobol-based sensitivity analysis to identify manipulated regions in images. The paper discusses the limitations of state evaluation model the literature model analysis test method evaluation algorithm. In Advances method approach to explainable explainability computer vision. It Main ideas provide Explanation methods for deepfake detection, such as SHAP and Sobol, are evaluated using a quantitative evaluation. The authors also discuss the challenges of detecting manipulated regions in images, particularly when the manipulations are around the mouth. In addition to the explainable AI approach, the paper discusses other methods used in deepfake detection research, including convolutional neural networks (CNNs) and fine-grained features. Some of the key findings include: 1. The proposed Neurosymbolic Approach performs well compared to lime-based Sobol. 2. Explainable AI methods can provide valuable insights into the manipulated regions in images. 3. Sobol-based sensitivity analysis is effective for identifying manipulated regions. The paper also mentions related work, including: * Konstante case of the sample * Thomas Fel * Remi Cadene * Mathieu Chalvidal * Matthieu Cord * David Vigouroux The authors conclude that the proposed approach can be used as a robust tool for deepfake detection and forensic analysis. Some of the key contributions of this paper include: 1. A novel explainable AI approach for deepfake detection. 2. The use of Sobol-based sensitivity analysis to identify manipulated regions in images. 3. An evaluation of several explanation methods for deepfake detection.
academic	open-domain-question-answering_74.pdf	https://paperswithcode.com/paper/mythqa-query-based-large-scale-check-worthy	This document appears to be a research paper on natural language processing (NLP) and information retrieval. The authors describe their work as focusing on "check-worthy" claims, which are factual claims that can be verified or refuted through evidence. The paper presents several key findings: 1. The use of extrinsic input claims, which are composed of outputs from a machine reading comprehension (MRC) model and corresponding questions, is equivalent to an end-to-end system. 2. The proposed approach for automatic identification and verification of political claims in social media can detect check-worthy factual claims with high accuracy. 3. The use of a deep bidirectional transformer for language understanding is effective in improving the performance of the pipeline. 4. The authors highlight the difficulty of detecting previously unverified claims and propose using a contextualized approach to address this challenge. 5. The paper presents several evaluation results, including the F1-score, which measures the accuracy of the proposed approach. The document also mentions several related works, including papers on NLP and information retrieval, as well as conferences and workshops in the field.
academic	red-teaming_65.pdf	https://paperswithcode.com/paper/sowing-the-wind-reaping-the-whirlwind-the	This document appears to be a research paper on the impact of language models on ethics. Here's a summary: The authors investigate edited dataset collection language models data question models study the evaluation the ethical dataset present determination. The paper explores different topic and topic the dataset set the ethical the founded dataset edit the press This the ethical model dataset response The study found that the dataset to be edited model with a focus on the model.

news	Huge deal struck but is it enough? 5 takeaways from a dramatic COP29	https://www.bbc.com/news/articles/cp35rrvv2dpo	The document appears to be a summary of a BBC article about the COP26 United Nations Climate Change Conference, specifically focusing on Azerbaijan's role in the conference. Here is a brief summary: * Azerbaijan's President Ilham Aliyev helped broker a "massive deal" between countries at the conference. * The deal aims to improve climate finance and emissions cuts, with significant contributions from wealthy nations like the US and EU. * However, some critics argue that the agreement falls short of what is needed to combat climate change. * The article highlights Azerbaijan's surprise involvement in the negotiations, which was facilitated by China's senior negotiator. * The deal has been met with a mix of reactions, with some countries expressing disappointment at the lack of ambition and others praising the progress made. Overall, the article suggests that while the COP26 agreement represents a step forward in addressing climate change, it may not be enough to meet the scale of the crisis.
news	Win or lose, Trump has already changed the world	https://www.bbc.com/news/election-us-2020-54541907	The document appears to be a news article from the BBC about misinformation and fake news. Here is a summary of the content: The article discusses how President Donald Trump has repeatedly declared that he will change the world, but in reality, his policies have had little impact on the global stage. The article also mentions how Trump has frequently spread misinformation, including claims that climate change is a hoax. Some specific points mentioned in the article include: * Trump's claim to make America great again * His withdrawal from the Paris climate accord and rejection of global warming as a real issue * His support for fossil fuels and opposition to renewable energy * His criticism of the EU and NATO, and his attempts to isolate the US from international cooperation The article also highlights how Trump has frequently used Twitter to spread misinformation and fake news, including claims about the COVID-19 pandemic, immigration, and the economy. Overall, the article is critical of Trump's policies and actions, arguing that they have had negative consequences for the world and the US.
news	Commentary: Does the world still need news media?	https://www.channelnewsasia.com/commentary/world-news-day-social-media-clickbait-culture-journalism-relevance-4640586	The document discusses the need for quality journalism in today's world, particularly in Singapore. The author, Nicholas Fang, a journalist and editor, notes that the rise of digital platforms and social media has led to a seismic shift in the news industry. With the increasing pressure to produce content quickly and the constant stream of information available, it is more important than ever to have trustworthy sources of news. The document highlights the challenges faced by journalists in today's world, including the spread of misinformation and disinformation. It emphasizes the importance of accurate and timely reporting, as well as the need for journalists to be able to critically evaluate information and provide context. The author also touches on the role of advertisers in driving the demand for attention-grabbing headlines and sensationalized content, which can lead to a lack of depth and nuance in reporting. He notes that this can have serious consequences, such as undermining trust in institutions and leading to poor decision-making by citizens. To address these challenges, Fang proposes solutions such as fact-checking platforms and increased transparency in news production. He also emphasizes the importance of maintaining a high level of quality journalism and highlights the need for journalists to be able to critically evaluate information and provide context. Overall, the document underscores the importance of quality journalism in today's world and the need for trustworthy sources of news. It also highlights the challenges faced by journalists in producing accurate and timely reporting in the face of increasing pressure and misinformation.

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