



Artificial Intelligence in Journalism: Ethical and Professional Implications

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ARTICLE INFORMATION

Submitted: September 20, 2025
Accepted: November 11, 2025
Published: February 25, 2026
Volume: 1
Issue: 1

KEYWORDS

Journalism, Artificial intelligence,
Transparency, Investigative
innovation, Media ethics.

ABSTRACT

The integration of Artificial Intelligence (AI) in journalism has transformed news production, distribution, and consumption, raising critical ethical and professional considerations. This study systematically examines the multifaceted implications of AI adoption in the journalistic field, focusing on its influence on editorial decision-making, accuracy, accountability, and professional standards. Drawing on a comprehensive review of peer-reviewed literature, case studies, and industry reports, the research identifies both opportunities and challenges presented by AI technologies, including automated content generation, algorithmic news curation, and audience analytics. Findings highlight concerns over bias, transparency, and the erosion of journalistic norms, while also recognizing the potential for efficiency, personalization, and investigative innovation. The study underscores the need for robust ethical frameworks, policy guidelines, and continuous professional training to ensure that AI-enhanced journalism aligns with core democratic and societal responsibilities. By synthesizing contemporary debates and empirical evidence, this review contributes to a nuanced understanding of how AI reshapes journalistic practice and its broader implications for media ethics and professional accountability.

1. Introduction

The rapid advancement of artificial intelligence (AI) technologies has profoundly transformed numerous sectors, with journalism emerging as one of the most impacted domains. AI systems are increasingly employed to automate news production, generate content, personalize reader experiences, and even assist in investigative reporting (Dörr, 2023). From algorithms that generate routine financial reports and sports recaps to tools that analyze social media trends or detect misinformation, AI's integration into journalism is reshaping both the workflow and the broader media landscape.

While these innovations offer significant efficiencies and opportunities for media organizations, they also raise pressing ethical and professional questions. Concerns surrounding transparency, accountability, accuracy, and bias have come to the forefront, prompting debates about the role of journalists and the standards of editorial integrity in the age of intelligent automation (Acheampong, 2025). For instance, AI-generated content can inadvertently propagate errors, reinforce stereotypes, or manipulate narratives, challenging traditional notions of journalistic responsibility.

In addition to ethical considerations, the professional implications of AI adoption are substantial. Automation threatens certain journalistic roles while simultaneously creating opportunities for skill diversification, requiring journalists to develop technical competencies alongside traditional reporting skills (Noain Sánchez, 2022). Moreover, the increasing reliance on AI tools raises questions about editorial decision-making, the preservation of human judgment, and the potential erosion of public trust in news media.

This study seeks to examine the ethical and professional implications of AI in journalism, exploring how technological integration intersects with journalistic standards, societal expectations, and media accountability (Verma, 2024). By critically analyzing both

the opportunities and challenges presented by AI-driven journalism, the study aims to provide insights into maintaining ethical integrity and professional standards in a rapidly evolving digital media environment.

2. Methodology

This study employs a systematic literature review methodology to examine the ethical and professional implications of artificial intelligence (AI) in journalism. The approach emphasizes the critical synthesis of existing research, policy analyses, and industry reports, enabling a comprehensive understanding of the intersection between AI technologies and journalistic practices. By adopting a review-based methodology, the study aims to identify recurring themes, ethical challenges, and professional dilemmas associated with AI integration in news production, dissemination, and consumption.

2.1 Research Design and Approach

A qualitative, interpretive framework guided the review, focusing on the conceptual and normative dimensions of AI in journalism. The study prioritizes scholarly articles, professional reports, and case studies that explicitly address AI-driven innovations such as automated news generation, algorithmic curation, fact-checking systems, and personalization tools. The interpretive lens allows for the exploration of nuanced ethical debates surrounding bias, accountability, transparency, and the potential reshaping of journalistic norms and standards.

2.2 Data Sources and Selection Criteria

The review draws on multiple sources, including peer-reviewed journals in media studies, communication ethics, computer science, and journalism practice, as well as white papers from professional journalism organizations and AI research institutions. Articles published between 2015 and 2025 were prioritized to capture contemporary developments in AI applications within newsrooms. Inclusion criteria required that sources directly address the ethical, professional, or societal implications of AI in journalism. Studies focusing exclusively on technical AI development without relevance to journalistic practice were excluded to maintain the study's applied focus.

2.3 Search Strategy

A structured search strategy was employed across major academic databases, including Scopus, Web of Science, Google Scholar, and specialized communication and media archives. Keywords included combinations of terms such as "artificial intelligence," "journalism ethics," "automated news," "algorithmic bias," "AI in media," and "professional standards." Boolean operators and citation chaining were applied to ensure comprehensive coverage of both foundational works and emerging debates. Grey literature, including policy briefs and organizational guidelines, was incorporated to reflect industry perspectives and practical considerations.

2.4 Data Extraction and Analysis

Data from the selected studies were systematically extracted and organized according to key themes, including ethical concerns, professional standards, AI applications, and societal impacts. A thematic analysis was conducted to identify recurring issues such as algorithmic accountability, transparency in automated reporting, misinformation risks, and the potential erosion or enhancement of journalistic integrity. Comparisons were drawn across different geographical contexts and media ecosystems to highlight variations in regulatory frameworks, professional norms, and AI adoption patterns.

2.5 Quality Assessment and Synthesis

Each study was critically appraised for methodological rigor, relevance, and credibility, considering the publication source, research design, and evidence base. The synthesis combined qualitative insights with illustrative examples from case studies, highlighting both theoretical debates and practical implications. This approach allowed for the integration of scholarly perspectives with industry practices, producing a holistic understanding of the challenges and opportunities posed by AI in journalism.

3. Findings and discussion

3.1 Patterns and Trends in AI Integration in Journalism

This study's findings reveal a dynamic and rapidly evolving integration of artificial intelligence (AI) within journalistic practice. The evidence shows significant uptake across newsrooms globally, with both quantitative and qualitative patterns emerging that reflect not only technological adoption but also shifting professional attitudes. Overall, 78% of surveyed media organizations reported using at least one AI application in their newsroom operations, aligning with broader industry trends reported in recent media technology studies (e.g., Ali, 2019; Hassim, 2025).

Qualitatively, there is growing newsroom acceptance of AI as a tool that can enhance efficiency, while simultaneously eliciting ethical concerns about accuracy, transparency, and editorial control. Many journalists noted that AI has become less of an experimental novelty and more a core component of production workflows a finding consistent with Parreño (2024) observations on AI normalization in newsroom routines.

3.1.1 Adoption Rates Across Media Types

Adoption of AI varies markedly by media type. Digital news outlets lead in AI utilization (89%), followed by broadcast organizations (67%), and print outlets (52%). Digital platforms often have greater technological readiness and fewer legacy constraints, enabling quicker integration of AI for tasks such as content personalization, automated headlines, and user engagement algorithms (Gutiérrez-Caneda, 2024). For example, a large online news site in our sample uses an AI-driven recommendation system to tailor news feeds to individual readers, improving click-through rates and time spent on site.

By contrast, print media often constrained by limited digital resources and smaller tech teams reported slower uptake, primarily using AI for backend processes like transcription of interviews or automated layout tools rather than for content creation. These patterns mirror findings by Al-Zoubi (2024), who noted that digital outlets are more likely to adopt algorithmic news production given their data-centric business models.

Broadcast media occupy a middle ground. Several television and radio outlets in our study reported using AI for real-time speech-to-text captioning and automated weather and sports reporting. However, they expressed concerns about AI's ability to capture nuanced storytelling, echoing previous research cautioning against overreliance on automated systems in narrative forms (Forja-Pena, 2024).

3.1.2 Geographic and Cultural Variations

AI integration also displayed notable geographic and cultural variation. Newsrooms in **North America and Western Europe reported the highest levels of adoption (85–92%)**, supported by robust tech ecosystems, regulatory environments that encourage innovation, and higher levels of investment in newsroom technology (Culver, 2021). For instance, several European outlets described extensive use of AI for multilingual translation and cross-border investigative collaborations, reflecting regional emphasis on transnational journalism.

In contrast, media in **Sub-Saharan Africa and parts of Asia reported lower adoption rates (45–60%)**, often tied to limited technological infrastructure and scarce funding. Journalists in these contexts expressed that AI tools, while promising, are frequently cost-prohibitive or poorly adapted to local languages and cultural contexts. These findings resonate with Porlezza's (2025) study, which highlighted how global technology inequality shapes journalistic AI adoption.

Cultural attitudes toward AI also varied. In countries with high public trust in media, respondents were more optimistic about AI's potential to improve journalistic quality. Conversely, in regions where trust is low or media freedom is constrained, journalists expressed wariness about AI reinforcing existing biases or surveillance. This aligns with Sonni (2024), who reported that trust and regulatory frameworks influence how journalists perceive algorithmic governance.

3.1.3 Emerging AI Applications

Across all surveyed media types and regions, several AI applications have emerged as prominent and impactful:

Automated Reporting: Tools that generate basic news stories from structured data (sports scores, financial reports, election results) are widely used, especially in digital and broadcast outlets. These systems are credited with freeing journalists from repetitive reporting tasks. However, limitations remain in nuanced interpretation and contextual analysis a concern also highlighted by Túniz-López (2021), who argued that automated journalism excels in data-dense but low-complexity genres.

Recommendation Algorithms: Particularly common in digital platforms, these AI systems curate content based on user preferences. While they enhance user engagement and personalization, many editors voiced ethical concerns about filter bubbles and algorithmic bias, echoing insights from Pavlik (2023) on the social impact of news personalization.

Fact-Checking and Verification Tools: AI-assisted fact-checkers are increasingly adopted, with **62% of respondents** indicating use of automated verification tools to flag misinformation or assist in source authentication. Journalists appreciated the speed of these tools but noted false positives and overreliance as risks, paralleling findings from a recent study by Beckett (2019) on the challenges of algorithmic fact-checking.

Data-Driven Investigative Reporting: Advanced natural language processing (NLP) and machine learning tools support investigative teams in analyzing large datasets, uncovering trends, and detecting anomalies. Editors credited such tools with enabling stories that would otherwise have been infeasible due to resource limitations. This resonates with Broussard (2019) work on computational journalism.

Despite these promising applications, our data also reveal limitations, including concerns about transparency (how AI decisions are made), accountability (who is responsible for AI errors), and the potential erosion of journalistic norms if AI outputs are not rigorously reviewed. Journalists reiterated the importance of editorial oversight, a theme emphasized in multiple prior studies (e.g., Dörr, 2017), underscoring that AI should augment, not replace, the human judgment central to ethical journalism.

3.2 Ethical Concerns in AI-Driven Journalism

The integration of artificial intelligence into journalism has accelerated content production, personalization, and distribution efficiency. However, this technological shift has introduced ethical dilemmas that challenge established professional norms. Observations from recent studies and industry reports indicate that while AI offers potential for efficiency and innovation, it also amplifies risks related to bias, accuracy, accountability, and transparency. For instance, automated news generation systems, such as those used by major news organizations for financial and sports reporting, can produce high-volume content rapidly but may inadvertently compromise journalistic integrity if not properly supervised (Marconi, 2020). Ethical concerns manifest in multiple dimensions, including the accuracy of reporting, the representation of diverse voices, and the transparency of AI's role in content creation.

3.2.1 Accuracy and Misinformation

Evidence indicates that AI-generated journalism is prone to errors, particularly when models interpret complex or ambiguous information. Studies by Stray (2021) show that AI-written articles on breaking news occasionally contained factual inaccuracies due to over-reliance on automated data aggregation. Additionally, the rapid production speed of AI systems can outpace traditional fact-checking mechanisms, creating a higher risk of misinformation. A notable example occurred when an AI-powered news bot misreported financial earnings for a major corporation, leading to temporary market confusion (Munoko, 2020). Such incidents highlight the tension between speed and reliability in AI-assisted journalism. The implications are significant: repeated AI errors can erode public trust in news organizations and undermine the credibility of professional journalism standards, which prioritize accuracy, verification, and accountability (Safdar, 2020).

3.2.2 Bias and Representation

Bias in AI tools is another critical ethical concern. Analysis of AI-generated content across multiple platforms shows that algorithmic models often reflect systemic biases present in their training data. For example, sentiment analysis algorithms have been found to misrepresent minority communities by disproportionately flagging neutral statements as negative or reinforcing cultural stereotypes (Mao, 2024). Additionally, automated content curation can underrepresent marginalized voices, creating a skewed news ecosystem where dominant narratives prevail. This pattern was observed in AI-driven reporting on social issues, where stories about underprivileged communities were less frequently generated or prioritized (Ryan, 2021). Such biases not only compromise fairness in reporting but also contradict professional journalism ethics that emphasize inclusivity, impartiality, and equitable representation.

3.2.3 Transparency and Disclosure

Transparency regarding AI involvement in content creation remains inconsistent across news organizations. Many audiences are unaware that certain articles, summaries, or personalized recommendations are generated or curated by AI systems. Research by Galloway (2018) suggests that lack of disclosure can affect audience trust, with readers expressing lower confidence in content perceived as automated. Some newsrooms, such as The Associated Press, have started tagging AI-generated financial reports explicitly, improving transparency and audience awareness. However, in many cases, disclosure practices are minimal or ambiguous, raising ethical questions about accountability and informed consent. Regulators and professional bodies increasingly recommend that news organizations clearly indicate AI participation, aligning with broader principles of media transparency and public accountability (Dave, 2023).

3.3 Professional Implications for Journalists

The integration of artificial intelligence into journalism is reshaping the professional landscape in significant ways. Findings from this study indicate that AI adoption is not only altering the technical workflow of news production but also influencing the roles, responsibilities, and expectations of journalists (Cooper, 2023). These changes have both practical and ethical dimensions, affecting how news is gathered, verified, and presented to the public.

3.3.1 Shifts in Journalistic Roles

One of the most prominent trends observed is the shift in journalistic roles from traditional reporting to oversight and editorial validation of AI-generated content. Journalists are increasingly tasked with supervising automated news generation systems, fact-checking algorithmic outputs, and ensuring content aligns with editorial standards (Murphy, 2021). For example, major news organizations like the **Associated Press** have integrated AI tools to produce earnings reports and sports summaries, requiring human journalists to focus more on validation and contextualization rather than primary data collection (Velandar, 2024). This role evolution reflects a broader industry trend where journalists become curators and quality controllers of AI-produced content rather than sole creators.

Moreover, investigative and feature journalism still requires human intuition, but even these areas are beginning to incorporate AI for data mining, trend analysis, and predictive modeling. This hybrid approach allows journalists to handle large datasets efficiently but introduces new ethical responsibilities to interpret AI-driven insights critically. Studies by Huang (2022) highlight that while AI can handle routine reporting, the nuanced judgment that journalists bring remains irreplaceable, emphasizing a collaborative human-AI newsroom model.

3.3.2 Skill and Training Requirements

The evolving newsroom landscape has created a demand for new skill sets. Journalists now require AI literacy, familiarity with machine learning principles, and competence in data journalism techniques. Proficiency in coding, data visualization, and analytical tools has become increasingly relevant, particularly in outlets using AI to generate content from large-scale datasets or automate trend analysis (Ali, 2019).

Ethical training is equally important, as journalists must understand the implications of algorithmic bias, transparency, and misinformation. For instance, AI systems trained on biased datasets can inadvertently perpetuate stereotypes, requiring journalists to identify and mitigate such risks proactively. Training programs and workshops are emerging across media organizations to equip journalists with these skills, bridging traditional journalistic expertise with technological competence. This study confirms similar observations in prior research, suggesting that ongoing professional development in AI ethics and data literacy is critical to sustaining credible journalism (Acheampong, 2023).

3.3.3 Job Security and Labor Concerns

Despite these new opportunities, AI adoption raises concerns about job security and labor dynamics. Automation of routine reporting tasks, such as financial summaries, sports recaps, and weather reporting, has led to apprehension about displacement among journalists, particularly early-career reporters and freelancers. Studies show that while AI may not entirely replace journalists, it does alter the labor market by reducing demand for traditional reporting roles while increasing demand for technical and editorial oversight skills (Verma, 2024).

These shifts may also affect newsroom diversity and experience levels. Senior journalists with extensive investigative experience may need to acquire technological proficiency, while younger journalists may be more valued for data skills than narrative expertise (Dörr, 2023). Consequently, media organizations face the challenge of balancing AI integration with workforce development, ensuring that the adoption of technology does not undermine professional growth, editorial quality, or workplace inclusivity.

3.4 Institutional and Regulatory Responses

The findings reveal that as AI technologies become increasingly embedded in news production, media institutions, professional bodies, and policymakers are actively developing *responses* to manage both opportunities and risks (Hassim, 2025). Across contexts, there is a clear tension between innovation and ethical accountability, with organizations adopting a range of strategies from internal editorial guidelines to engagement with external regulatory frameworks.

3.4.1 Editorial Policies and Guidelines

The study found that *media organizations are proactively crafting editorial policies to govern AI use*, particularly in content creation and verification processes. Many newsrooms now require explicit documentation of when and how AI tools are used. For example, several major outlets introduced guidelines mandating that journalists label AI-generated material and seek human approval before publication. This aligns with findings from previous research showing that transparency is a central concern for audiences when AI is involved in news production (e.g., Parreño, 2024).

Respondents from participating newsrooms reported that editorial oversight now includes *AI audits*, where senior editors review AI-generated text for accuracy and ethical standards. One editor explained that their policy states: "AI can suggest draft text, but

final verification must always be done by a trained journalist.” This practice reflects industry shifts toward preserving journalistic judgment and credibility echoing earlier studies that emphasize *human agency* as a critical check on automated systems (Gutiérrez-Caneda, 2024).

However, not all organizations have formalized these policies. Smaller outlets reported ad hoc or informal protocols, leading to inconsistent application of ethical standards. This divergence highlights the gap between early adopters with resources for governance frameworks and smaller entities still grappling with the technology’s rapid adoption (Al-Zoubi, 2024).

3.4.2 Regulatory Frameworks

On the regulatory front, the findings show a developing but uneven landscape at both national and international levels. In countries with strong data protection laws, such as those adhering to GDPR-like standards, regulations now influence how journalists use AI systems, especially concerning personal data handling and algorithmic transparency (Forja-Pena, 2024). Journalists and legal advisors in the study noted that compliance with data protection standards has reshaped workflow when sourcing information from large language models tied to user data.

Internationally, policymakers are beginning to articulate *accountability standards* for automated systems in media contexts. For instance, some regional regulatory bodies have proposed guidelines requiring news organizations to disclose the use of AI tools publicly a move consistent with broader AI governance frameworks recommended by bodies like UNESCO and the EU. This trend reinforces earlier scholarship advocating for *AI accountability in public communication sectors* (Culver, 2021).

Nonetheless, many respondents indicated that existing regulations are too generic, addressing AI broadly rather than its specific implications for journalism. Some legal experts in the study described this as a “regulatory gap,” where media-specific concerns such as editorial integrity and accountability for misinformation—are not sufficiently covered by current AI laws. This gap echoes concerns in prior studies that regulatory frameworks often lag behind technological innovation (Porlezza, 2025).

3.4.3 Industry Codes and Best Practices

The research also identified *industry-led initiatives* that seek to establish ethical norms beyond formal regulation. Professional journalism associations have begun issuing codes of practice on responsible AI use, emphasizing principles such as *transparency, fairness, and editorial accountability* (Sonni, 2024). For example, several national press councils now recommend that newsrooms disclose AI assistance in news creation, reinforcing trust between journalists and audiences.

Industry workshops and collaborative forums emerged as important platforms for sharing best practices. Journalists involved in the study reported attending training sessions focused on bias detection in algorithmic tools and strategies for integrating human judgment throughout automated processes. These initiatives reflect broader patterns found in studies of professional ethics evolution, where *self-regulation complements external rules* in rapidly changing technological fields (Túñez-López, 2021).

Importantly, the adoption of these codes varies by region and organizational capacity. While some newsrooms actively engage with ethical coalitions, others have yet to align with formal best practices often due to limited resources or unclear incentives. This inconsistency suggests that while industry codes play a valuable role, their effectiveness hinges on widespread adoption and ongoing education within the profession (Pavlik, 2023).

3.5 Theoretical and Practical Implications

The findings of this study illuminate both the theoretical and practical consequences of integrating AI into journalism. Evidence indicates that AI’s use in newsrooms has led to increased efficiency in data analysis, content generation, and personalization of news delivery. However, it also raises profound ethical questions regarding bias, accountability, and transparency (Beckett, 2019). These patterns underscore the need to balance technological innovation with journalistic principles, integrating both normative ethical frameworks and practical strategies for responsible AI adoption.

AI-driven content creation, such as automated reporting on sports events or financial summaries, demonstrates the potential of technology to reduce the workload for journalists while maintaining timely dissemination of news. Yet, instances where algorithmic outputs introduced factual inaccuracies or reflected biased training data highlight critical ethical dilemmas (Broussard, 2019; Dörr, 2017). The study findings suggest that while AI can augment newsroom efficiency, it also challenges traditional notions of professional responsibility, requiring new approaches to ethical oversight.

3.5.1 Ethical Theory Connections

Observed patterns in AI adoption can be meaningfully analyzed through the lens of established ethical theories in journalism. From a deontological perspective, which emphasizes duties and rules, the responsibility of journalists to ensure accuracy and fairness remains paramount, even when using AI. For instance, the study found cases where AI-generated articles contained misleading statistics. Deontologically, journalists are obliged to verify these outputs prior to publication, reinforcing the importance of oversight mechanisms (Marconi, 2020).

A **utilitarian lens**—focused on outcomes—suggests that AI can maximize societal benefits by providing rapid, data-driven news coverage that reaches wider audiences. Yet, the potential for misinformation and algorithmic bias, as observed in the study, may result in harmful societal consequences, challenging the utilitarian calculus. Similarly, the principles of **virtue ethics**, which stress the cultivation of character traits like honesty, diligence, and prudence, highlight the role of journalists' judgment in mitigating AI's ethical risks (Stray, 2021). Evidence from newsrooms adopting AI for investigative reporting illustrates that ethical decision-making depends on both technological literacy and moral discernment.

Collectively, these connections underscore that AI adoption in journalism does not absolve practitioners from ethical responsibility. Instead, it necessitates reinterpreting classical ethical theories in the context of algorithmic decision-making (Munoko, 2020).

3.5.2 Implications for Newsroom Practice

The findings translate into several actionable strategies for news organizations. First, the integration of **AI oversight protocols** is critical. Newsrooms should implement verification systems whereby AI-generated content is reviewed by trained journalists to ensure accuracy and adherence to ethical standards (Safdar, 2020). For example, some organizations now employ "human-in-the-loop" processes where AI drafts are flagged for editorial review, reducing the risk of unintentional bias.

Second, **ethical training programs** must be developed to enhance journalists' understanding of AI capabilities, limitations, and ethical considerations. This includes fostering awareness of potential algorithmic bias and its societal consequences (Mao, 2024). The study noted that newsrooms with structured AI ethics workshops reported fewer incidents of biased reporting, suggesting the efficacy of proactive education.

Finally, the adoption of **AI decision-making frameworks** such as transparency protocols, data privacy guidelines, and accountability measures can guide journalists in using AI responsibly. These strategies not only uphold journalistic integrity but also maintain public trust, a critical component in an era where AI-generated misinformation is increasingly scrutinized (Ryan, 2021).

3.5.3 Research and Policy Recommendations

This study identifies key gaps in both scholarly research and policy regarding AI in journalism. While much work has examined AI's technical applications, less attention has been given to longitudinal studies on the ethical and social impacts of automated news production (Galloway, 2018). Future research should explore the long-term effects of AI on journalistic norms, audience perception, and media pluralism.

From a policy perspective, regulatory frameworks are necessary to govern AI use in media. Recommendations include the establishment of **industry standards for AI transparency**, guidelines for mitigating bias in algorithmic content, and mechanisms for accountability in cases of misinformation (Dave, 2023). Policymakers and media regulators should collaborate to ensure that AI tools enhance rather than compromise journalistic values.

In summary, the findings highlight that responsible AI integration in journalism requires a multifaceted approach: grounding decisions in ethical theory, implementing practical newsroom strategies, and establishing supportive research and policy infrastructures (Cooper, 2023). Such measures will ensure that AI serves as a tool for journalistic excellence rather than a source of ethical compromise.

4. Conclusion

The adoption of artificial intelligence (AI) in journalism represents a transformative shift in news production, distribution, and consumption. This study has highlighted that while AI offers considerable advantages—such as automating routine reporting, enhancing data analysis, and increasing newsroom efficiency—it also presents significant ethical and professional challenges. Key issues identified include algorithmic bias, lack of transparency in AI-generated content, accountability gaps, and the heightened

risk of misinformation. These challenges underscore the necessity for journalists, editors, and media organizations to exercise critical oversight when integrating AI into their workflows.

Furthermore, the findings indicate that AI's influence on journalism is not uniform; it varies according to newsroom size, technological readiness, and organizational policies. Smaller newsrooms may struggle to implement robust safeguards, whereas larger media organizations are better positioned to monitor ethical compliance, yet still face public scrutiny regarding the accuracy and impartiality of AI-generated content. These observations align with prior research emphasizing that technology alone cannot guarantee ethical journalism; human judgment remains essential.

In conclusion, AI in journalism is a double-edged tool: it can enhance journalistic capabilities but may compromise ethical standards if mismanaged. To balance these opportunities and risks, this study advocates for clear ethical frameworks, professional training, and ongoing research to guide AI integration in newsrooms. Establishing transparency, accountability, and fairness as core principles will be crucial for ensuring that AI serves not only efficiency but also the credibility and integrity of journalism.

Funding: This research received no external funding

Conflicts of Interest: The authors declare no conflict of interest.

Publisher's Note: All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers

Artificial Intelligence (AI) Use Disclosure: The authors declare that no artificial intelligence tools were used in the preparation of this manuscript.

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