Qeios

Peer Review

Review of: "(De)-Indexing and the Right to be Forgotten"

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Strengths

1. **Relevance of the Topic**: Explores the technical and ethical challenges of the "Right to be Forgotten (RTBF)" in the digital age with depth and clarity.

2. **Structured Organization**: Clearly explains the fundamentals of Information Retrieval (IR) models and progresses to advanced technologies like Large Language Models (LLMs) and RAG.

3. **Technical Insights**: Effectively connects de-indexing with the role of LLMs, providing a solid analysis of the complexities of implementing RTBF.

4. **Ethical Considerations**: Balances the discussion of technical aspects with the societal and ethical implications of IR and de-indexing.

Areas for Improvement

1. **Lack of Practical Examples**: Incorporate specific cases related to de-indexing and RTBF (e.g., Google Spain ruling) for practical context.

2. **Stronger Conclusion**: Summarize the contributions and limitations more clearly and suggest future research directions.

3. **Insufficient Experimental Evidence**: Add experimental results or case studies supporting the proposed technical solutions (e.g., RAG, machine unlearning) to enhance credibility.

Declarations

Potential competing interests: No potential competing interests to declare.