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RAT: A Computational Toolkit for Scalable Search System Analysis

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The Result Assessment Tool (RAT) is a Python-based software toolkit that addresses the critical research challenge of accessing and analyzing data from various search systems. It uses several computational methods, including Selenium for robust web scraping, Flask for the web interface, PostgreSQL for data management, and automated classifiers for content analysis. With RAT, researchers can design studies to systematically collect extensive search results and perform manual or automated evaluations. Key application areas include information science, health information, media and communication studies, and social sciences. The tool's significance lies in its methodological consistency and the significant improvement it offers in conducting comprehensive, scalable, and data-driven investigations based on results from search systems.

I want to give a Lightning Talk

yes

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