Description

New York, USA: Enago, a global leader in editing and publication support services, recently conducted a comprehensive global survey to explore the role and impact of artificial intelligence (AI) technologies and tools on the future of academic publishing. This broad AI survey is the fourth part of a series of Research Risk Assessment surveys. It was conducted over a period of 5 weeks between August 2021 and October 2021. The survey findings represent more than **350** respondents from **212** universities across **54** countries. We also awarded 10 lucky participants with Amazon vouchers worth USD 25 for their insightful feedback.

What Does the Global AI Survey Address?

This global survey addressed the following aspects among a few others:

- Understanding demographic perspectives about AI (based on region, age group, education, gender)
- Understanding the general perception and awareness about AI
- Understanding the adoption rate and popularity of AI-based tools among academics (researchers, authors, publishers)
- Identifying the perceived benefits, limitations, drawbacks, and concerns related to the use of AI in academic publishing
- Determining if users appreciate the value that AI is delivering or are more concerned about the rise of AI
- Predicting the future of AI in research and publishing

Key Highlights of the Report

- AI-based solutions are swiftly trickling down to cover monotonous yet extremely critical academic tasks such as editing and proofreading resulting in quick assessments of the quality of manuscripts.
- The most popular AI-powered tools used by academics were Elsevier's Journal Finder, Trinka AI, and Grammarly. Furthermore, the three top-rated quality check criteria for AI-generated outputs highlighted by our participants were reliability, accuracy, and consistency.
- The majority of the participants believe that the academic publishing landscape will benefit from

increased automation and AI. Although optimistic about the impact and potential of AI, several participants also expressed concerns over potential security breaches and AI overpowering or replacing humans. Some of the major challenges restraining the large-scale adoption of AI are limited AI knowledge and expertise of skill.

This global survey report also helped us understand the general perception and awareness about AI among academics. The results of this survey provide interesting insights into how AI-supported innovations are perceived and used by key stakeholders of the academic ecosystem, such as publishers, editors, reviewers, and readers. As the technology improves in the current research ecosystem, AI will not only assist in increasing efficiency and reducing costs, but it might also transform the ecosystem completely.

In the future, we plan to conduct more research risk assessment surveys and will keep our readers posted on all developments. For any survey collaboration or partnership inquiries, please contact us at academy@enago.com.

To read the complete 30-page report, please visit the Global Survey Report on AI in Academic Publishing to download your copy.

Category

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