Smart Bibliometrics:

Integrating AI to Interpret Complex Results and Publish High-Impact Articles

BY ASSOC. PROF. TS. DR. AIDI AHMI

This workshop introduces an advanced, AI-assisted approach to bibliometric analysis, focusing on the interpretation of complex bibliometric outputs and the development of publication-ready manuscripts for high-impact journals. Participants will learn how to integrate artificial intelligence tools to interpret bibliometric maps, networks, clusters, and thematic structures, and to transform these outputs into coherent theoretical insights and scholarly narratives. The workshop emphasizes best practices in bibliometric research design, methodological rigor, and strategic positioning of bibliometric studies to meet the expectations of top-tier journals. Through guided demonstrations and practical examples, participants will gain hands-on experience in using AI to support analytical reasoning, structure research contributions, and draft complete bibliometric articles suitable for submission to Scopus- and Web of Science-indexed journals.

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This workshop is designed to equip researchers with practical and strategic skills for interpreting complex bibliometric outputs using artificial intelligence and transforming these analyses into high-quality scholarly publications. Moving beyond basic bibliometric techniques, the workshop focuses on advanced interpretation of networks, clusters, and thematic structures, and on converting these results into coherent academic narratives that meet the standards of high-impact journals. Participants will be guided through a structured, step-by-step process that integrates AI tools into key stages of bibliometric research, including analytical interpretation, theoretical development, and manuscript preparation. Emphasis is placed on methodological rigor, ethical use of AI, and effective positioning of bibliometric studies for submission to Scopus- and Web of Science-indexed journals.

OBJECTIVES

The objectives of this workshop are to:

- Equip participants with advanced skills to interpret complex bibliometric outputs using AI-assisted analytical approaches.
- Enable participants to integrate AI tools into bibliometric analysis for generating coherent theoretical and conceptual insights.
- Guide participants in developing complete, publication-ready bibliometric manuscripts suitable for high-impact journals.
- Enhance participants' understanding of best practices for positioning bibliometric studies to meet the expectations of Scopus- and Web of Science-indexed journals.

METHODOLOGY

The workshop adopts an interactive and structured methodology combining expert-led lectures, live demonstrations, and guided analytical walkthroughs. Participants will be exposed to real bibliometric outputs and shown how AI tools can be systematically applied to interpret results, support theoretical development, and assist in manuscript drafting. The approach emphasizes methodological rigor, ethical use of AI, and practical application aligned with high-impact journal standards.

WORKSHOP REQUIREMENTS

Participants are expected to have basic familiarity with bibliometric analysis and academic research processes, as well as access to a laptop or desktop computer with a stable internet connection.

WORKSHOP BENEFITS

- Comprehensive workshop materials including curated set of prompts specifically designed for research writing using AI.
- Video recordings with lifetime access.
- Post-workshop coaching.
- E-certificate provided upon completion.
- Exclusive discounts on facilitator's books.

WHO SHOULD ATTEND

This workshop is suitable for **academic researchers**, **lecturers**, **postgraduate students** (Master's and PhD), **postdoctoral fellows**, **research librarians**, and **research analysts** who are involved in bibliometric studies or who aim to publish bibliometric research in high-impact journals.

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TENTATIVE PROGRAMME OUTLINE

8.45 am - 9.00 am	Participants login to join the workshop
9.00 am - 10.30 am	**Session 1: Foundations of Smart Bibliometrics** • Advanced concepts in bibliometric analysis • Common challenges in interpreting bibliometric outputs • Overview of AI tools for bibliometric interpretation • Aligning bibliometric studies with high-impact journal expectations **Session 2: AI-Assisted Interpretation of Bibliometric Results** • Interpreting bibliometric networks, clusters, and thematic maps • Using AI to extract patterns, trends, and research themes • Translating visual outputs into meaningful scholarly insights • Practical demonstration using bibliometric software outputs **Session 3: From Bibliometric Outputs to Theoretical Contributions** • Using AI to develop conceptual frameworks from bibliometric findings • Structuring results and discussion sections • Framing originality, significance, and contribution • Avoiding common pitfalls in AI-assisted academic writing
1.00 pm - 2.30 pm	Lunch Break
2.30 pm - 5.00 pm	**Session 4: Drafting a Publication-Ready Bibliometric Manuscript** • AI-supported drafting of introduction, methodology, and results • Writing coherent discussions and conclusions • Ensuring methodological transparency and rigor • Ethical and responsible use of AI in scholarly writing **Session 5: Publishing Strategy for High-Impact Journals** • Selecting appropriate journals (Scopus/WoS) • Positioning bibliometric studies for acceptance • Responding to reviewers and revision strategies • Common reasons for rejection and how to address them **Closing and Q&A**
05.00 pm	End of Workshop

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SPEAKER/TRAINER

ASSOC. PROF. TS. DR. AIDI AHMI

Dr. Aidi Ahmi is an Associate Professor at the Tunku Puteri Intan Safinaz School of Accountancy, Universiti Utara Malaysia (UUM). He obtained his Ph.D. in Information Systems and Computing from Brunel University London, United Kingdom. He is a member of the Malaysian Institute of Accountants (MIA) and has been recognized as a Professional Technologist (Ts.) by the Malaysia Board of Technologies (MBOT). Dr. Ahmi is also a lifetime member of the Malaysian Accounting Association (MyAA) and Internet Society (ISOC) Malaysia. Currently, he actively shares his knowledge of bibliometric analysis through workshops and training organized by higher learning institutions, associations, and training institutions. Dr. Aidi Ahmi is the author of 5 books on bibliometrics: "Bibliometric Analysis for Beginners", "Bibliometric Analysis using biblioMagika®", “Bibliometric Analysis using VOSviewer”, "Bibliometric Analysis using R for Non-Coders", and "Mastering Bibliometric Analysis with ChatGPT". He has also published numerous articles on bibliometric studies in high-impact journals. With over 150 journal articles and the successful supervision of 11 Ph.D. graduates in accounting, information systems, auditing, and information and communication technology, he is actively engaged in academic research and mentorship. Additionally, Dr. Aidi Ahmi is involved in consulting projects and is currently participating in the Citation & Infometric Division, Ministry of Higher Education Malaysia, for the Bibliometric Project on the Performance of Malaysian Scholarly Outputs 2017-2021 and 2020-2024. For more information about him, please visit his website at **www.aidi-ahmi.com**

TERMS & CONDITIONS FOR ONLINE WORKSHOP

WEBINAR FEE

- Full payment shall be made at the point of online registration.
- Access to join the webinar shall be granted only upon full payment as per the above requirement.

WEBINAR ACCESS LINK

- The Access Link will be emailed at least 24-hours before the commencement of the workshop.
- The Access Link should not be forwarded/shared with others.

PAYMENT MODE

- Payment must be made through the online payment or bank transfer.
- Payment by cheque is NOT ACCEPTABLE.

CANCELLATION

- No refunds will be made for participants who failed to join the workshop.
- Paid registration that is cancelled can opt to transfer the paid amount to future event(s).

CERTIFICATE OF ATTENDANCE

- Participants will be issued with an e-certificate of attendance after they submit the post-course evaluation after the completion of the workshop.

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