

# BIBLIOMETRIC WRITING BOOTCAMP

Write Until It's Done: Transforming Raw Data into High-Impact Research with AI

A three-day, hands-on workshop focused on data collection, dataset cleaning and harmonization with OpenRefine, data analysis using biblioMagika, VOSviewer, and Biblioshiny, and the preparation of manuscripts for high-impact journals, incorporating AI-driven analysis and writing support.

## Workshop Synopsis

This workshop is designed to give participants essential skills and knowledge in bibliometric analysis. Through interactive sessions and practical exercises, attendees will learn how to collect, clean, and analyze data using tools like biblioMagika, OpenRefine, VOSviewer, and Biblioshiny. The workshop covers both quantitative and qualitative techniques for examining literary collections, including term and cluster analysis. By the end, participants will be able to identify key authors and publications in their field, understand research trends, and improve their publication strategies. This workshop is especially useful for those involved in journal writing, as it includes drafting a high-impact journal paper.

A 3-DAY, 2-NIGHT

# Bibliometric Writing Bootcamp

Bibliometric analysis is the key to unlocking insights into scholarly impact, citation patterns, and research trends within a given field. This workshop aims to provide a complete and holistic approach in mastering bibliometric techniques, enabling participants to navigate the complexities of scholarly data analysis with confidence and precision. This comprehensive workshop is the total and absolute knowledge foundation for researchers seeking to leverage bibliometrics to maximize the visibility and influence of their scholarly work. Participants who complete this workshop will emerge with a robust understanding of bibliometric principles and methodologies, equipped with practical skills to enhance their research impact through informed data analysis and strategic journal paper drafting.

## OBJECTIVES

This programme seeks to help you:

- Develop a solid understanding of key bibliometric concepts, techniques, and applications.
- Master the skills necessary to identify suitable topics for bibliometric study and set clear research objectives.
- Acquire proficiency in cleaning, harmonizing, and analyzing bibliographic data to ensure accuracy and reliability.
- Explore advanced tools such as biblioMagika®, VOSviewer, and Biblioshiny to conduct comprehensive bibliometric analysis efficiently.
- Learn how to leverage ChatGPT for research and bibliometric analysis.
- Acquire the skills to interpret complex bibliometric analysis results with the aid of ChatGPT.
- Gain practical experience in drafting high-impact bibliometric papers, including literature reviews, methodological design, result interpretation, and abstract writing, for submission to top-tier journals.

## METHODOLOGY

The workshop methodology involves a combination of interactive lectures, hands-on exercises, demonstrations of bibliometric tools, case studies, Q&A sessions, practical application to participants' projects, resource sharing, evaluation, and follow-up support to ensure comprehensive learning and skill development.

## WORKSHOP BENEFITS

- Comprehensive workshop materials with resources of over 1GB in size.
- Complimentary templates for writing and analysis.
- Post-workshop coaching through WhatsApp group.
- Exclusive discounts on facilitator's e-books.

## WHO SHOULD ATTEND

The workshop is designed for researchers, academics, librarians, graduate students, and professionals interested in enhancing their understanding and proficiency in bibliometric analysis to optimize research impact and visibility.

A 3-DAY, 2-NIGHT

# Bibliometric Writing Bootcamp

## TENTATIVE PROGRAMME OUTLINE

### DAY 1

3.00 pm - 06.00 pm

#### PART 1: GETTING THE DATASET

Introduction to bibliometric analysis  
Identifying the topic and scope of the study  
Defining the keywords related to the topic of the study  
Designing the search query  
Screening and cleaning the results  
Assessing the data quality  
Downloading the dataset

06.00 pm - 08.00 pm

Dinner

08.00 pm - 10.00 pm

#### PART 2: CLEANING AND HARMONISING THE BIBLIOGRAPHICAL DATA

Analysis of essential data and producing bibliometrics results using biblioMagika®  
Cleaning and harmonizing dataset using biblioMagika  
Utilizing OpenRefine for deep data cleaning and harmonization  
Preparing dataset for VOSviewer and Biblioshiny

10.00 pm

End of Day 1

### DAY 2

9.00 am - 01.00 pm

#### PART 3: CONDUCTING BIBLIOMETRIC ANALYSIS FURTHER USING VOSVIEWER AND BIBLIOSHINY

Visualising the bibliometric networks using VOSviewer  
Adjusting the appearance of maps and network graphs  
Interpreting the results from VOSviewer  
Introduction to Bibliometrix and Biblioshiny  
Installing Bibliometrix R Package  
Analysing the trend and impact of publication  
Developing the knowledge structure of the literature

01.00 pm - 02.00 pm

Lunch

02.00 pm - 05.00 pm

#### PART 4: DRAFTING BIBLIOMETRIC ARTICLE FOR HIGH IMPACT JOURNAL

Drafting a comprehensive literature review, the materials and methods of the study and interpreting the results of the findings  
Discussing the implication of the results

05.00 pm - 08.00 pm

Dinner

A 3-DAY, 2-NIGHT

# Bibliometric Writing Bootcamp

## TENTATIVE PROGRAMME OUTLINE

8.00 pm - 10.00 pm

**PART 5: UTILIZING AI TO COMPLETING OUR DRAFT**

Understanding ChatGPT

Familiarizing Yourself with ChatGPT

Overview of ChatGPT's Capabilities & Limitations

Utilizing ChatGPT for Research Planning

Crafting the title of the paper

Setting Research Aims and Objectives

Developing Precise Research Questions with ChatGPT

Interpreting Complex Bibliometric Analysis Results

Techniques for Interpreting Bibliometric Data

Utilizing ChatGPT for Data Interpretation

10.00 pm

End of Day 2

### DAY 3

09.00 am - 12.00 pm

Drafting High-Impact Bibliometric Articles

Writing and Editing with ChatGPT

Using ChatGPT for Introduction, Literature Reviews, and

Methodological Design

Crafting Discussion and Conclusion with ChatGPT

Abstract Writing

**PART 6: SUBMITTING THE PAPER FOR HIGH IMPACT JOURNALS**

Finalising the Manuscript

Preparing Documents for Submission

Select the Appropriate Journal for Submission

Navigate the Submission and Review Process

12.00 pm

End of Workshop

A 3-DAY, 2-NIGHT

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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 four books on bibliometrics: "Bibliometric Analysis for Beginners", "Bibliometric Analysis using R for Non-Coders", "Bibliometric Analysis using biblioMagika®", and "Mastering Bibliometric Analysis with ChatGPT". He has also published numerous articles on bibliometric studies in high-impact journals. With over 100 journal article publications and successful supervision of eight Ph.D. graduates in the fields of 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. For more information about him, please visit his website at [www.aidi-ahmi.com](http://www.aidi-ahmi.com)

## OTHER INFORMATION, REQUIREMENTS & TERMS

### TENTATIVE DATE

- 17-19 January 2025

### PROPOSED LOCATION

- Tamu Hotel & Suite, Kuala Lumpur

### EQUIPMENT AND SUPPLIES NEEDED

- Before the workshop, participants must bring their computers and install OpenRefine, VOSviewer, R, and RStudio Desktop software.

### ANTICIPATED NUMBER OF PARTICIPANTS

- Min 20. Max 40

### DISCLAIMER

The organiser may change the date(s), time(s), or cancel the workshop due to unforeseen circumstances. Participants/Organizer understand that the organiser is not liable for any costs, damages, or losses resulting from these changes or cancellations. Additionally, the organiser reserves the right to make alternative arrangements if needed.

### COPYRIGHT

- The materials provided during the workshop are confidential and cannot be shared or used against anyone else. Participants are not allowed to copy or reproduce any materials from the program. The creator retains all copyright and intellectual property rights for materials produced during the program. The organiser is not responsible for the materials. The organiser and its staff are not liable for any claims or losses related to the materials provided during the workshop.

### DATA PROTECTION

- Participants confirm that the information they provide is true and accurate. They give consent for the organizer to collect, process, store, and use their data, excluding what is covered under the Personal Data Protection Act 2010.