



## OBJECTIVE OF THE WORKSHOP

-  To analyse the fundamental concepts of Artificial Intelligence (AI) and Generative AI, and discuss their significance in fostering data unification as a catalyst for digital transformation and economic efficiency.
-  To apply various Generative AI tools for data cleaning, analysis, and integration from multiple sources.
-  To analyse case studies and identify the opportunities and challenges in adopting Generative AI within organisational and higher education contexts.

### SPEAKER

**ASSOCIATE PROF. TS. DR.  
MOHD SHAHIZAN OTHMAN**

Head of Intelligent Informatics Research Group  
Faculty of Computing,  
Universiti Teknologi Malaysia (UTM)  
Email: shahizan@utm.my



He is actively involved in academic research and consultancy in the fields of Artificial Intelligence (AI), data analytics, and digital innovation. His work focuses on advancing data-driven solutions and fostering digital transformation across institutions and industries.

# COLLABORATIVE WORKSHOPS AND COURSES: YEAR 2025

**KURSUS AI IN WORKPLACE**

**KOMPETENSI : STRATEGIK UNIVERSITI (DIGITAL KOMPETENSI)**

**14 OKTOBER 2025 (SELASA)**  
**8.30PG - 4.30 PTG**  
**BILIK SEMINAR 1&2, PRZS, UTM**

**PENCERAMAH :**  
**PROF. MADYA TS. DR. MOHD SHAHIZAN BIN OTHMAN**  
FAKULTI KOMPUTERAN, UTM JOHOR BAHRU

Menginovasi Penyelesaian Lestari

## AI TOOLS FOR RESEARCH

Monday, 29th Sept 2025 | 2.30 PM - 5.30 PM

ACAD and E-certificate will be provided

Registration Link: <https://tinyurl.com/mjanhj7v> Webex Link: <https://tinyurl.com/4rmu49wy>

**Speaker:** Assoc. Prof. Ts. Dr Mohd Shahizan bin Othman, Associate Prof. Faculty of Computing, Universiti Teknologi Malaysia(UTM)

**Moderator:** Mohd Shahael Bin Nordin, Vice President I, PGSS FM

Organized by Postgraduate Students Society (PGSS), Faculty of Management (FM), UTM

**UTMSPACE™**

**Kursus ARTIFICIAL INTELLIGENCE IN EDUCATION : A PATHWAY TO IMPROVED TEACHING EXCELLENCE**

**KHAMIS | 10 Julai 2025**  
9.00 Pagi - 1.00 Petang

**Prof. Madya. Ts. Dr. Mohd Shahizan bin Othman**  
Dosen Penyelidik Universiti (DS14G)  
Fakulti Komputeran  
Universiti Teknologi Malaysia

SECARA ATAS TALIAN

LIVE webex

ANTRE + ANTHONY + APHINE + ANTHONY  
UTMSPACE, Universiti Teknologi Malaysia, 81310 Johor Bahru, Johor, Malaysia.

REGISTRATION: <https://tinyurl.com/4rmu49wy>

**SYSTEMATIC LITERATURE REVIEW**

16-17 APRIL WEDNESDAY & THURSDAY 08 - 04 AM - PM

in Collaboration with Universiti Teknologi Malaysia (UTM)

**ASSOC. PROF. DR. MOHD SHAHIZAN BIN OTHMAN**, **ASSOC. PROF. DR. MOHD MURTADHA BIN MOHAMAD**, **APRI JUNAIDI, M.KOM, MCS**

• Free Snack • Free Lunch • Certificate

Registration: [event.unama.ac.id](https://event.unama.ac.id) Ruang Auditorium UNAMA KOTA BARU

## KURSUS GENERATIF AI MEMUDAHKAN AKTIVITI HARIAN

**KOMPETENSI : STRATEGIK UNIVERSITI (DIGITAL KOMPETENSI)**

**INTegrity ROOM, CTLD, UTM JOHOR BAHRU**

**5 FEBRUARI 2025 (RABU)**  
11.00 PAGI - 05.00 PETANG

**PENCERAMAH :**  
**PROF. MADYA TS. MOHD SHAHIZAN BIN OTHMAN**  
FAKULTI KOMPUTERAN, UTM JOHOR BAHRU

**ANJURAN:** CTLD

Menginovasi Penyelesaian

**ACADEMIC LECTURER UNIVERSITAS AIRLANGGA**

Machine Translation dan Chatbot

**Mata Kuliah :** Natural Language Processing

**Guest Lecture**

**Assoc. Prof. Dr. Mohd Shahizan bin Othman**  
Universiti Teknologi Malaysia

Monday, October 27<sup>th</sup> 2025  
14.00 - 16.30 Indonesian Time

**Link :** <https://zoom.us/j/99558663019>  
**Password :** 290290

**www.fmm.unair.ac.id**

**Mastering Chapter 1: Tools and Techniques for Crafting a Strong Thesis Introduction**

Date: 11<sup>th</sup> January 2025 (Saturday)  
Time: 9.30am - 12.30pm  
Platform: Online Google Meet

**SPEAKER**  
**ASSOC. PROF. DR. MOHD SHAHIZAN BIN OTHMAN**  
Lecturer, Universiti Teknologi Malaysia (UTM)

Contact Us: ruzaimah@upsi.edu.my/05-4506855

## KURSUS PENGAJARAN & PEMBELAJARAN MENGGUNAKAN TEKNOLOGI KECERDASAN BUATAN

**KOMPETENSI : Fungsi Akademik**

**Tarikh & Masa**  
02 - 03 Sept 2025  
08.30 Pagi - 04.30 Petang

**Tempat**  
Bilik ICT 2, Aros 2, CTLD UTM Johor Bahru

**Penceramah :**  
**Prof. Madya Ts Dr. Mohd Shahizan bin Othman**  
Dosen Penyelidik Guncangan dan Kecerdasan Buatan  
Fakulti Komputeran  
Universiti Teknologi Malaysia (UTM)

**Sebarang pernyataan boleh dijadikan kepada:**  
Seluruh CTLD  
En. Mohd Shahizan bin Othman  
[nezhishy@utm.my](mailto:nezhishy@utm.my)

**12 Mata CPD**

Menginovasi Penyelesaian Lestari

# TENTATIVE PROGRAMME

08:30 – 09:00 am	Registration
09:00 – 10:00 am	<b>Session 1: Introduction to AI &amp; Generative AI</b>  This session introduces participants to the fundamental concepts of Artificial Intelligence (AI) and its evolution towards Generative AI. It highlights the transformative role of AI in data analytics and decision-making, discusses key opportunities and challenges, and explores its relevance to the work of DOSM and higher education institutions in advancing data innovation.
10:00 – 10:30 AM	<b>Opening Remarks by</b>  <b>YBhg. Dato' Dr. Mohd Uzir Mahidin</b> Chief Statistician Malaysia, Department of Statistics Malaysia
10:30 – 11:00 am	<b>Morning Break &amp; Refreshments</b>
11:00 – 12:30 am	<b>Session 2: Introduction to Generative AI Tools</b>  This session introduces participants to major generative AI tools, emphasizing their comparative advantages, operational functions, and relevance to modern data and research environments.  <b>Tools:</b> <ul style="list-style-type: none"><li>• Gemini (Google)</li><li>• Grok (xAI)</li><li>• Qwen (Alibaba)</li><li>• Kimi.ai (Moonshot AI)</li><li>• ChatGPT (OpenAI)</li><li>• Microsoft Copilot (MS365)</li><li>• Napkin.ai (Idea Mapping &amp; Visual Insights)</li></ul>

# TENTATIVE PROGRAMME

12:30 – 2:00 pm	Lunch & Prayer Break
2:00 – 3:30 pm	<b>Session 3: Practical – Using Generative AI for Data Unification</b>  This session provides participants with hands-on experience in applying generative AI tools to integrate and analyze datasets from various sources. The exercises focus on data importation (Excel, CSV, and text formats), cleaning, and analysis to enhance data consistency, quality, and usability for statistical and research purposes.
3:30 – 3:45 pm	Afternoon Tea Break
3:45 – 5:00 pm	<b>Session 4: Case Studies &amp; Real Applications</b>  This session presents practical case studies demonstrating the application of generative AI in real-world data integration and analysis. Participants will explore examples such as unifying census and academic datasets, generating insights using multiple AI tools.  The session also includes a group discussion focusing on potential opportunities for innovation and the challenges faced in adopting AI-driven approaches within DOSM and higher education institutions.
5:00 – 5:30 pm	<b>Closing</b>  This session concludes the workshop with a summary of key learning outcomes, participant reflections, and an open Q&A session.



# NOTES





# NOTES



**SCAN ME**



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