

Knowledge In Action

AI Readiness Talks Prepare KPJ Healthcare's Workforce for the Future of Care

A strategic initiative by KPJU to build AI literacy and digital readiness across KPJ hospitals



Dr Ahmad Syahid Mohd Fadzil

Deputy Dean & Lecturer, School of Digital Health, KPJU
Principal Instructor, KPJU AI Academy

KPJ Healthcare University (KPJU), through its School of Digital Health, has launched the AI Readiness Talk (ART), a flagship initiative to strengthen AI literacy and digital health readiness across the KPJ Health System (KPJHS).

The programme's first phase engaged over 1,200 staff across four hospitals, laying the groundwork for deeper adoption of intelligent technologies in clinical, education and research.

Organised under the broader KPJHS movement, the initiative focused on four KPJ hospitals currently being developed as future Centres of Excellence. Staff participated in a structured learning experience designed to build foundational understanding of AI and its practical potential across the healthcare environment.

Across 44 live sessions, participants explored key AI concepts such as machine learning, natural language processing and clinical use cases through two core modules: AI in Healthcare Practices and AI for Data Analysis.

They also received hands-on exposure to generative tools like ChatGPT, NotebookLM and Perplexity AI, encouraging reflection on how these technologies can support daily workflows and decision-making.

Importantly, the programme extended beyond technology. Participants also explored principles of Responsible, Explainable and Agentic AI, as well as ethics, data governance and cybersecurity, all within the context of real-world healthcare delivery.

ART also served as a baseline to gauge current levels of AI awareness and sparked interest in future upskilling, reinforcing KPJU's mission to lead digital transformation that is both human-centred and sustainable.



Dr. Ts. Bhawani Selvarethnam (standing), an instructor at KPJU's AI Academy, conducted an ART session for Johor Specialist Hospital staff

"AI is no longer optional. It's already reshaping how we deliver care, make decisions and interpret data," says Dr Ahmad Syahid Mohd Fadzil, Deputy Dean and Lecturer at KPJU's School of Digital Health and the Principal Instructor for KPJU AI Academy. "But we must approach this transformation with ethical responsibility, digital sustainability and practical readiness."

Looking ahead, KPJU plans to roll out Phase 2 of the programme via ATMOS, a mobile, cloud-based AI lab that will deliver hands-on, technical training directly to hospital teams.

With strong engagement and positive feedback, the AI Readiness Talk has laid the foundation for deeper adoption of intelligent health technologies across education, research and clinical operations. This affirms KPJU's role as a catalyst for responsible, workforce-driven innovation within the KPJHS.

AI Readiness Talk [Phase 1]	Quick Facts	Two Core Modules	Core Themes
1,200+ participants 44 live sessions - April – June 2025 - Key tools explored: ChatGPT, Perplexity AI, NotebookLM		- AI in Healthcare Practices - AI for Data Analysis	- Responsible & Explainable AI - Ethics & Data Governance - AI Use in Clinical Workflows - Cybersecurity & Digital Sustainability