THE NAIO PULSE

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About the NAIO Pulse

Welcome to the NAIO Pulse, a living stream of insights from Malaysia's National AI Office (NAIO). Each release captures the heartbeat of artificial-intelligence policy and innovation. Whether you're a policymaker, industry leader, researcher, or simply curious, the NAIO Pulse is your adaptable guide to navigating—and shaping—the next frontier of trustworthy, transformative AI.

INSIGHTS

NATIONAL AI TREND - EDUCATION

AI is reshaping education by enabling personalised, data-driven learning with adaptive platforms and AI chatbots. It eases educators' workloads through automation and analytics, while also supporting career guidance by matching students with relevant skills and job opportunities.

See inside page>

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DRIVING WHOLE-OF-NATION AI READINESS FOR MALAYSIA

The Ministry of Digital, through NAIO and in collaboration with Microsoft, has launched Microsoft Elevate to accelerate AI capacity building and adoption in Malaysia. Officiated by YB Gobind Singh Deo, the initiative unites stakeholders across education, industry, and the public sector to drive inclusive participation in the AI economy.

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NATIONAL AI TREND - EDUCATION

GLOBAL TRENDS

AI is transforming education globally, shifting classrooms toward learner-centric and data-driven systems. AI-powered platforms deliver adaptive learning, adjusting content, pace, and difficulty in real time as seen with Squirrel AI in China allowing students to learn at their own speed and focus on areas that need improvement. Many of these platforms now include conversational chatbots that offer 24/7 tutoring and support, as well as multilingual capabilities that break down language barriers and promote more inclusive, cross-border collaboration in education.

Educators are also benefiting from AI-enabled productivity tools such as auto-grading, attendance tracking, and plagiarism detection (e.g., Turnitin), which reduce administrative workload and free up time for teaching and mentoring. Some platforms provide early-warning analytics to identify at-risk students for timely intervention, while generative AI tools like Microsoft Copilot assist with course design, lesson planning, and content creation, accelerating the development of engaging and dynamic learning materials.

Beyond the classroom, AI is reshaping career guidance and workforce alignment. AI-driven labour-market analytics can identify in-demand skills and emerging roles, while smart matching systems connect students and jobseekers with relevant training and employment opportunities as shown by Singapore's MyCareersFuture portal.

MALAYSIA'S CURRENT LANDSCAPE

Malaysia has already achieved notable strides in AI adoption for education. A flagship example is the Reading Progress and Reading Coach, rolled out to more than 550 schools nationwide, making Malaysia the first APAC country to expand this literacy tool nationally[1]. This has positioned Malaysia as a leader in AI-enabled reading solutions.

Beyond literacy, ministries and state education departments are piloting automated assessment systems, AI-based language learning modules, and AI-powered content generation tools to enhance classroom delivery and learning outcomes. However, challenges remain including uneven digital infrastructure in rural areas, gaps in student access, and the need to ensure AI solutions align with curriculum standards, cultural diversity, and multilingual requirements (Bahasa Malaysia, English, and indigenous languages).

1. https://news.microsoft.com/en-my/2022/11/09/from-one-school-to-one-nation-how-microsofts-reading-progress-is-improving-english-proficiency-in-malaysia/#:~:text=From%20one%20school%20to%20one,Source%20Asia

FUTURE DIRECTION

Under the National AI Action Plan 2030, education is positioned as a strategic priority to drive inclusive and future-ready learning. The plan envisions the establishment of Sector AI Charters across all education levels from federal to state and school to define clear objectives, guardrails, and accountability structures for responsible AI use. It also calls for the development of sovereign education datasets, comprising secure and anonymised collections of student performance, learning progression, and pedagogical content, ensuring that Malaysian AI solutions are trained on local and representative data.

To build educator readiness, large-scale teacher upskilling programmes will integrate AI literacy into professional development, empowering teachers to co-design AI tools, interpret insights, and apply them ethically in classrooms. Complementing these efforts, a safe AI adoption framework will be deployed, mandating human-in-the-loop oversight, audit trails, fairness assessments, and adaptation guidelines to ensure that AI strengthens rather than undermines educational equity and trust. Collectively, these measures aim to transform Malaysia's education ecosystem into a future-ready, inclusive, and globally competitive model, where AI serves not only as a tool but as a learning companion grounded in Malaysian values and context.

AI USE CASES IDENTIFIED THROUGH AI-COE'S WORKSHOP

1. **DATA LITERACY & STUDENT MONITORING**

- AI student awareness portals that aggregate attendance, grades, and engagement data, empowering self-tracking while alerting teachers to risks.

2. **DIGITAL COMPETENCY FOR EDUCATORS**

- AI teacher training platforms that personalise professional development, focusing on digital pedagogy and responsible AI adoption.
- AI-enhanced teaching aids that dynamically generate lesson plans and exercises tailored to each student's learning mastery.

3. **SMART CLASSROOM & SCHOOL MANAGEMENT**

- Vision and sensor-based classroom monitoring systems that track attendance, engagement, and concentration, helping teachers adjust in real time.
- AI policy impact trackers to measure the effectiveness of education initiatives through predictive analytics.
- Smart FAQ assistants that provide instant responses to teachers, parents, and students, reducing administrative workload.
- AI program information platforms that centralise updates and announcements across multiple channels.

These initiatives represent Malaysia's ambition to scale AI adoption across education, from classrooms to policymaking. They are aligned with the National AI Action Plan 2030, which calls for sector AI charters, sovereign education datasets, large-scale teacher upskilling, and safe AI adoption frameworks. With these efforts, Malaysia is moving toward a more inclusive, data-driven, and future-ready education system, enhancing both national resilience and global competitiveness.

AI IN EDUCATION:
SELECTED USE CASES FROM GLOBAL DEPLOYMENTS

Artificial Intelligence (AI) is transforming the way we teach and learn. Moving beyond experimentation, AI-powered solutions are now actively used in classrooms and digital learning environments to deliver measurable improvements in student outcomes. From adaptive learning systems that personalise content in real time, to intelligent tutoring platforms that provide targeted guidance, and AI tools that support the creation of teaching materials, these technologies are making education more efficient, engaging, and accessible.

This section presents a curated set of AI use cases in education, highlighting global implementations across personalised learning, AI tutoring systems, and content creation tools.

1. PERSONALISED LEARNING (ADAPTIVE LEARNING SYSTEMS)

• Duolingo

Duolingo uses AI-driven adaptive learning to personalise lessons based on user performance. The system adjusts difficulty, repetition, and content in real time. In practice, this has increased learner engagement and retention, helping users learn faster compared to traditional methods.

• Squirrel AI Learning

Squirrel AI uses adaptive learning technology to identify student weaknesses and deliver targeted micro-lessons. The platform continuously refines learning paths, resulting in improved test scores and more efficient learning outcomes at scale.

AI IN EDUCATION:
SELECTED USE CASES FROM GLOBAL DEPLOYMENTS

2. INTELLIGENT TUTORING SYSTEMS (AI TUTORS)

• IBM Watson Education

IBM Watson Education provides AI-powered tutoring by analysing student data and offering personalised feedback. It identifies knowledge gaps and recommends targeted support, improving student understanding and enabling data-driven teaching.

• Carnegie Learning

Carnegie Learning uses AI tutors for mathematics education, guiding students step-by-step through problem-solving. The system adapts to student responses, improving conceptual understanding and academic performance.

3. CONTENT CREATION (TEACHING AND LEARNING MATERIALS)

• Khan Academy – Khanmigo

Khanmigo uses AI to help teachers generate lesson plans, quizzes, and explanations. It also supports students with guided problem-solving, reducing preparation time and enhancing learning support.

• Canva Magic Write

Canva's AI tools assist educators in creating teaching materials, presentations, and visual content quickly. This improves efficiency and allows teachers to focus more on delivery rather than preparation.

About the source

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AI IN EDUCATION: EMPOWERING MALAYSIA THROUGH SECURE ON-PREMISE AI

BY:

MaiStorage

RESHAPING EDUCATION THROUGH AI-ENABLED INNOVATION

Artificial Intelligence (AI) is reshaping industries worldwide, and education is no exception. Malaysia is advancing digital transformation through the integration of AI across the education ecosystem, from primary schools to universities and TVET institutions. From intelligent tutoring systems to automated grading and personalised learning platforms, AI is transforming how students learn, how teachers teach, and how institutions operate. The country is acting decisively to build a future-ready workforce and innovation-driven academic environment.

aiDAPTIV+ PLATFORM

The aiDAPTIV+ is a hybrid software and hardware solution designed to make the training of large AI models, particularly LLMs, more cost effective and scalable on standard workstation hardware. Its primary objective is to reduce the dependence on expensive Graphics Processing Unit (GPU) memory by utilizing proprietary AI specialised SSD-based caching technology called aiDAPTIVCache. This technology allows for the efficient handling of large datasets and models, making it possible to train complex AI models without the need for high cost infrastructure. This enables the institute to enter the AI world with significantly reduced costs and improved investment returns.

AI IN EDUCATION:
EMPOWERING MALAYSIA THROUGH SECURE ON-PREMISE AI

GLOBAL AI TRENDS IN EDUCATION

AI in education is rapidly shifting from experimentation to core implementation, with 86% of institution adoption generative AI in 2025.[1]

Key global trends include :

PERSONALISED LEARNING & TUTORING

AI adapts to individual student needs, offering tailored content and instant feedback, moving beyond a one-fits-all approach

GENERATIVE AI FOR CONTENT

Through AI-powered platform, teacher can create lessons plans, activities, assessments, discussion prompts, and presentations simply by providing a short prompt with keywords.

AI-POWERED PERFORMANCE MONITORING

AI-powered tools help reduce instructors' workload and analyse performance data to generate deeper insights. AI provides instantaneous and detailed feedback on student work, enabling learners to identify their strengths and weaknesses. This feedback enhances understanding and learning outcomes, while also helping teachers determine areas to focus on in future lessons.

1. *https://ventionteams.com/solutions/ai/adoption-statistics*

AI IN EDUCATION:
EMPOWERING MALAYSIA THROUGH SECURE ON-PREMISE AI

THE CHALLENGES AND LIMITATIONS OF AI IN EDUCATION

With all the advantages that AI can offer to teachers, students, and administrators, it does come with its challenges and drawbacks. The following are some of the most common issues that concern educators.

1.PRIVACY AND SECURITY CONCERS

Privacy risks have been a concern for as long as AI has existed. People are wary about what personal data is collected, how it is used, and whether they are aware of, or have any control over, its use. Many express concerns about how securely their data is stored and how well it is protected against breaches. Other worries include private and sensitive information being accessed by unauthorised parties, the spread of false or misleading information, and the growing ease with which individuals can obtain others' personal data

2.POTENTIAL BIAS IN AI ALGORITHMS

As Malaysia accelerates the integration of Artificial Intelligence (AI) into its education system, concerns surrounding algorithmic bias must be carefully addressed, particularly in the use of GPT-based AI detection tools. In a multilingual country such as Malaysia, where many students use English as a second or third language alongside Bahasa Melayu, Mandarin or Tamil, AI detectors trained predominantly on Western, native-level English writing may unfairly misclassify simpler or less complex writing as AI-generated.

AI IN EDUCATION: EMPOWERING MALAYSIA THROUGH SECURE ON-PREMISE AI

Because these systems often associate sophisticated vocabulary and complex sentence structures with "human" writing, Malaysian students who write in a more straightforward or non-native English style risk being falsely accused of academic misconduct. Such misclassification can damage students' academic records, undermine their confidence, and cause unnecessary psychological stress.

AI tools must therefore be implemented with robust safeguards and clear guardrails to prevent unfair bias. Detection systems should support, not replace, educators' professional judgement. By prioritising transparency and inclusivity, Malaysia can adopt AI responsibly while safeguarding fairness and maintaining students' trust.

3.HIGH IMPLEMENTATION COSTS

The cost of AI in education can vary considerably, depending on how schools intend to use it. As a subscription service, AI chatbots may be available for a few ringgit per month, but larger adaptive learning platforms and extensive usage can run into the hundreds or even thousands of ringgit, depending on the number of users and levels of use. Implementing large-scale AI systems is also costly and often beyond the budgets of many schools, including those in underserved communities. In addition, there are ongoing expenses related to system maintenance and updates, as well as training staff to use the technology effectively.

As artificial intelligence (AI) provides educators, students and administrators with access to powerful digital tools, it has the potential to significantly enhance teaching, learning and institutional management. However, understanding both the advantages and disadvantages of AI in education is essential to ensure its responsible and effective use. While AI can personalise learning, automate administrative tasks, provide instant feedback and improve accessibility, it also raises concerns related to data privacy, algorithmic bias, over-reliance on technology and implementation costs. By carefully examining both the positive and negative impacts of AI, administrators can develop balanced policies that maximise student learning outcomes while minimising potential risks. Likewise, educators must thoughtfully evaluate how AI is integrated into the classroom to ensure it supports critical thinking, creativity and meaningful engagement, rather than replacing essential human interaction. When implemented strategically and ethically, AI can become a powerful tool that enhances education without compromising its core values.

AI IN EDUCATION:
SECURE ON-PREMISE AI IN EDUCATION

WHAT IS ON-PREMISE AI & WHY IT MATTERS

On-premises AI refers to AI systems that are deployed and operated within an organisation's own physical infrastructure, rather than on public cloud platforms. This approach offers greater security, compliance and operational control, particularly for sensitive sectors such as education, government and enterprise.

KEY ADVANTAGES :

1. DATA SOVEREIGNTY

Ensures that data does not leave the organisation's physical boundaries and remains compliant with internal policies and local regulations.

2. FULL PRIVACY

Ensures that sensitive data remains within the organisation, with no reliance on third-party vendors or external cloud providers, thereby significantly reducing potential security and compliance risks.

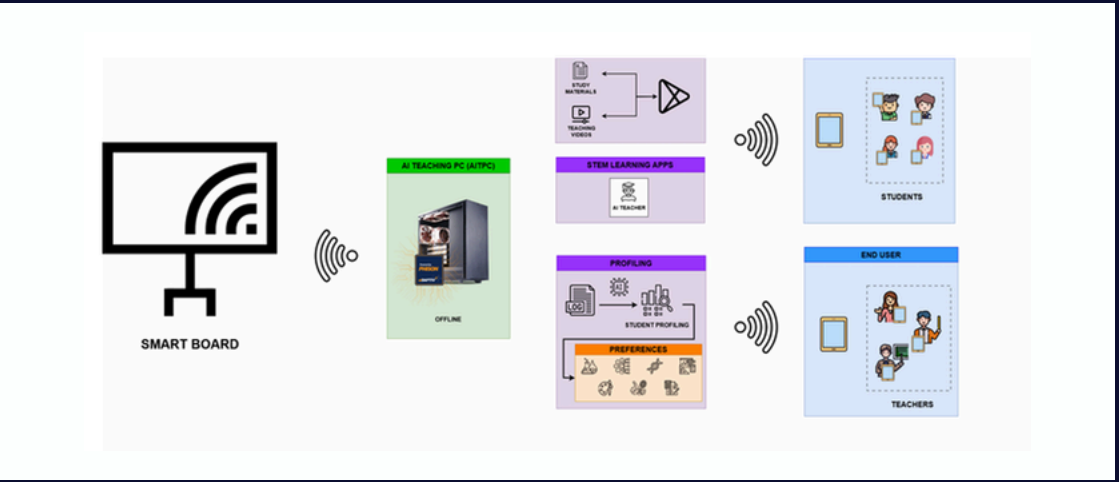
3. FULL CONTROL

Provides comprehensive control to configure, customise and optimise the software in line with specific internal requirements, regulatory standards and organisational policies.

STRENGTHENING NATIONAL EDUCATION THROUGH ON-PREMISE AI INNOVATION

At MaiStorage, we enable secure on-premises AI solutions tailored to various industries, particularly the education sector. Through our innovative AIdaptiv+ platform, we deliver AI capabilities locally in a more affordable and cost-effective manner, ensuring that institutions retain full control over their data. Our solutions support primary schools, secondary schools and universities, enabling all levels of education to access secure, locally hosted AI systems.

AI IN EDUCATION:
SECURE ON-PREMISE AI IN EDUCATION



Setup for AI-Powered Classroom

ON-PREMISE AI IN EDUCATION: AI - POWERED CLASSROOM

For primary and secondary education institutions, our solution supports AI-powered classroom environments capable of accommodating up to 50 concurrent users through a single AITPC unit. This allows students to securely access locally developed AI applications within a safe and controlled infrastructure. Educators use a smartboard connected to the AITPC to deliver interactive lessons and operate the AI Teacher application, enhancing instructional effectiveness. Students, equipped with tablets, log in with their individual accounts to access learning applications, complete revision exercises, and engage with AI-assisted educational tools in a structured and secure environment.

ON-PREMISE AI IN EDUCATION : AI - LAB

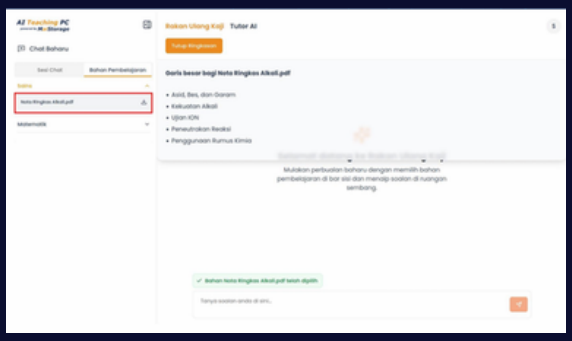
At the university level, we collaborate with institutions to establish dedicated AI Labs powered by our AI Training PC (AITPC), enabling students to perform fine-tuning and inferencing of large language models (LLMs). This practical, hands-on environment fosters advanced technical skills, supports AI-driven research, and strengthens institutional innovation capabilities. By working directly with real-world AI systems, students gain industry-relevant experience, equipping them with the expertise required to thrive in the rapidly evolving AI sector.

AI IN EDUCATION:
SELECTED USE CASES FROM RECENT PROJECT DEPLOYMENT

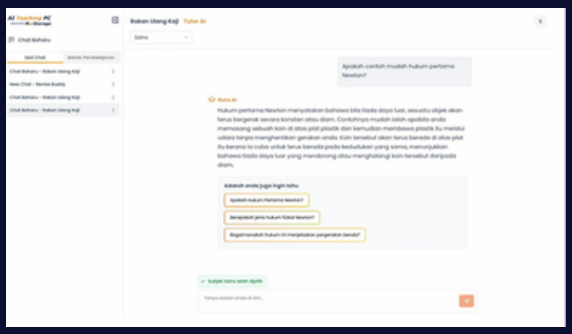
AI TEACHER: ENABLING INCLUSIVE, SECURE, AND OFFLINE AI LEARNING

AI Teacher is a locally deployed, on-premises AI solution specifically designed for educational institutions, enabling schools to implement artificial intelligence in a secure, controlled and fully offline environment. Unlike cloud-based platforms, AI Teacher operates entirely within the school's infrastructure, ensuring that all student data remains protected without reliance on internet connectivity or third-party servers.

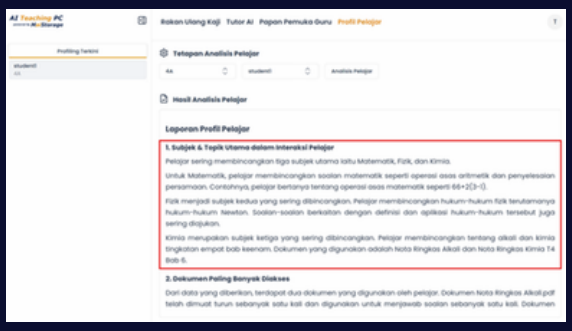
At the core of the platform is a curriculum-based AI chatbot, developed directly from teachers' own instructional materials. This ensures that every AI-generated explanation, revision response, and exercise is strictly aligned with classroom content and national curriculum standards. Students can revise lessons, ask subject-specific questions, and generate targeted practice exercises based solely on topics that have been taught, ensuring contextual accuracy and consistent learning outcomes.



Revise Buddy



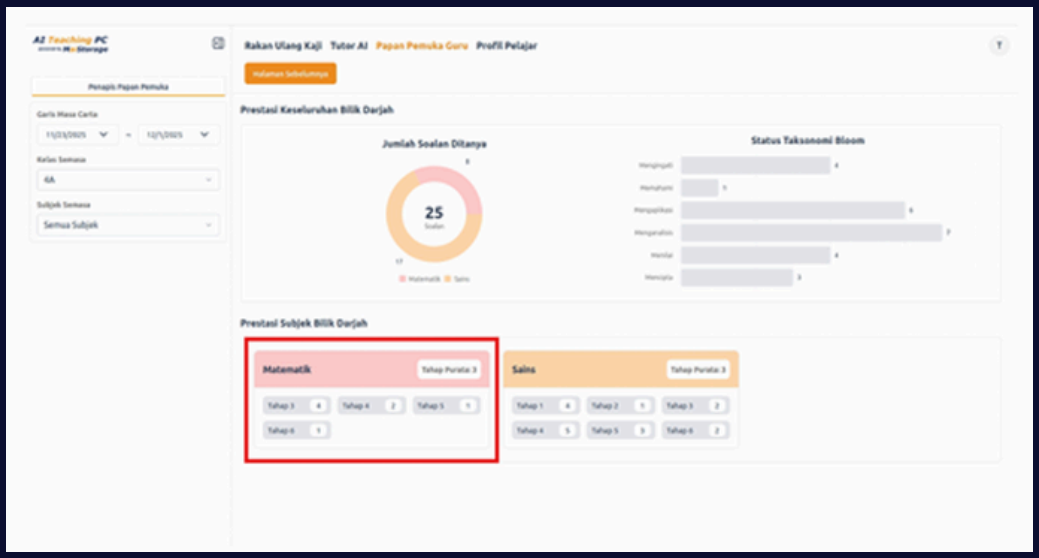
Stem AI Chatbot



Student Profiling

The system also incorporates a comprehensive Teacher Dashboard and Student Profiling module, allowing educators to monitor performance at both individual and class levels in real time. Built around the Bloom's Taxonomy framework, the platform evaluates students across multiple cognitive levels, from foundational understanding to higher-order thinking skills. This structured assessment supports early intervention, differentiated instruction, and personalised learning pathways.

AI IN EDUCATION:
SELECTED USE CASES FROM RECENT PROJECT DEPLOYMENT



Teacher Dashboard

In addition, AI Teacher features an AI Tutor, including a dedicated STEM AI Chatbot, designed to enhance competencies in Science, Technology, Engineering, and Mathematics. Through guided practice and interactive support, students receive structured assistance that reinforces conceptual understanding while fostering analytical thinking.

By combining secure infrastructure, curriculum alignment, real-time analytics, and AI-driven tutoring, AI Teacher offers a practical and scalable model for inclusive AI adoption in schools, empowering educators while safeguarding student data.

MaiStorage Technology Sdn. Bhd. is a Malaysian technology startup based in Puchong, Selangor, focused on designing and delivering advanced storage solutions and integrated circuit (IC) technology, artificial intelligence (AI) applications and automotive systems. Founded in June 2024 as part of the Phison Group, a global leader in NAND flash controllers and storage products, MaiStorage develops innovative SSD products, AI enabled tools, and IC designs while building local engineering talent through training programs. The company aims to support Malaysia's semiconductor and AI ecosystem and grow into a major tech player with plans for a future public listing

The views, analyses, and opinions presented in in this article are soley those of the author. They do not represent the official stance, policy direction, or endorsement of the National AI Office (NAIO) or the Ministry of Digital Malaysia.

AI EDUCATION THROUGH THE LENS OF MAQASID SYARIAH: BUILDING ETHICAL, INTELLIGENT FUTURES

Albukhary Mosque, Kedah

BY:
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As Artificial Intelligence (AI) rapidly transforms education, economies, and societies, the question is no longer whether we adopt AI—but how we shape its direction. For Muslim societies and institutions, integrating AI into education must go beyond technical advancement; it must align with the higher objectives of Islamic law, known as Maqasid Syariah.

Maqasid Syariah provides a holistic framework that ensures human well-being, justice, and ethical balance. When applied to AI education, it offers a powerful lens to guide responsible innovation.

Maqasid Syariah refers to the higher objectives of Islamic law, traditionally categorised into five core protections:

- Preservation of Religion (Hifz al-Din)
- Preservation of Life (Hifz al-Nafs)
- Preservation of Intellect (Hifz al-'Aql)
- Preservation of Lineage (Hifz al-Nasl)
- Preservation of Wealth (Hifz al-Mal)
-

These principles aim to promote benefit (maslahah) and prevent harm (mafsadah) across all aspects of life, including modern technological domains such as AI.

AI EDUCATION THROUGH THE LENS OF MAQASID SYARIAH: BUILDING ETHICAL, INTELLIGENT FUTURES

1. HIFZ AL-'AQL (PRESERVATION OF INTELLECT)

AI education plays a critical role in shaping how individuals think, reason, and make decisions in an increasingly automated world. While AI has the potential to revolutionise learning through personalised education, intelligent tutoring systems, and data-driven insights, over-reliance on AI tools may weaken critical thinking if not properly guided.

A broader societal example can be seen in the use of AI in political contexts, where it can generate false narratives, influence public opinion at scale, and even manipulate democratic processes. Such misuse amplifies disinformation and risks misguiding public reasoning, directly conflicting with Hifz al-'Aql.

Therefore, AI education must go beyond technical usage. It should emphasise human–AI collaboration, critical evaluation of AI-generated outputs, information verification, and digital literacy. In AI education, students must be trained to become active thinkers and truth-seekers, rather than passive consumers of AI-generated content.

AI EDUCATION THROUGH THE LENS OF MAQASID SYARIAH: BUILDING ETHICAL, INTELLIGENT FUTURES

Kota Sultan Ismail Petra Arch, Kelantan

2. HIFZ AL-DIN (PRESERVATION OF RELIGION)

AI systems are not value-neutral. They reflect the intentions, biases, and data upon which they are built. Without ethical grounding, AI can easily propagate harmful or morally inappropriate content.

A significant example is the rise of AI-generated pornography and “undressing” applications, where non-consensual intimate images can be created using publicly available photos. The widespread nature of such misuse, often targeting women and even minors, raises serious ethical concerns. From Hifz al-Din's perspective, this clearly violates human dignity, modesty, and moral boundaries.

Hence, AI education must integrate ethical and value-based frameworks, including responsible data usage, ethical AI design and deployment, content moderation principles, and moral accountability in technology development. Embedding these values ensures that future AI practitioners uphold integrity and ethical responsibility in their work.

AI EDUCATION THROUGH THE LENS OF MAQASID SYARIAH: BUILDING ETHICAL, INTELLIGENT FUTURES

3. HIFZ AL-NAFS (PRESERVATION OF LIFE)

AI education must also consider the human impact of AI systems, ensuring they are safe, inclusive, and free from harm. Continuing from the previous example, victims of AI-generated exploitation may experience severe psychological distress, social isolation, and reputational damage. In extreme cases, such harm may escalate to life-threatening consequences.

This highlights the importance of Hifz al-Nafs, where the preservation of well-being extends beyond physical safety to include mental and emotional health. Thus, AI education should address the ethical implications of AI misuse, the mental health risks associated with digital technologies, AI bias and discrimination, and the governance and regulation of AI applications. Therefore, students must understand that AI systems can have real-world consequences on human lives and must be designed with safety and empathy in mind.

4. HIFZ AL-NASL (PRESERVATION OF LINEAGE)

With AI systems collecting vast amounts of personal data, privacy and identity protection are critical concerns. AI systems rely heavily on personal data, which, if misused, can compromise an individual's identity and dignity. AI-generated exploitation technologies, such as deepfake pornography, can severely damage a person's reputation, honour, and social identity, directly conflicting with Hifz al-Nasl.

To address this, AI education must emphasise ethical data governance, including the protection of personal and sensitive data, transparency in AI decision-making, accountability mechanisms in automated systems, and human oversight in critical AI decisions. By doing so, students are trained to develop systems that respect human identity and uphold trust.

AI EDUCATION THROUGH THE LENS OF MAQASID SYARIAH: BUILDING ETHICAL, INTELLIGENT FUTURES

5. HIFZ AL-MAL (PRESERVATION OF WEALTH)

AI systems undoubtedly have the potential to improve many aspects of life. However, when trained on biased or incomplete data, they may produce unfair and discriminatory outcomes. For instance, AI-driven recruitment or financial systems may unintentionally exclude qualified candidates or deny fair access to financial resources. Such outcomes not only violate justice but also threaten individuals' economic well-being, which is related to Hifz al-Mal.

Therefore, AI education should incorporate fairness and bias detection in AI models, transparent and explainable AI systems, and ethical decision-making in automated processes. Hence, students must be equipped to design AI systems that promote equity rather than reinforce inequality.

At Universiti Sains Islam Malaysia (USIM), the Information Security and Assurance undergraduate programme adopts a holistic approach to education. Students are not only trained in cybersecurity and AI through courses such as Artificial Intelligence, but are also grounded in Islamic knowledge through subjects like Introduction to Islamic Science and Al-Dirasat al-Islamiyyah. These courses provide a strong foundation in Aqidah, Syariah, and Tasawuf, ensuring that students develop both technical expertise and ethical consciousness.

AI education guided by Maqasid Syariah extends beyond technical instruction—it shapes individuals capable of making ethical, responsible, and socially conscious decisions. By prioritising human dignity, intellectual integrity, and social justice, AI education can contribute not only to the well-being of Muslim societies but also to a more equitable global technological landscape. Ultimately, anchoring AI education within the framework of Maqasid Syariah ensures that technological advancement remains aligned with divine guidance—nurturing not just intelligent systems, but intelligent, ethical, and responsible human beings.

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AI IN EDUCATION:
ENHANCING AI CITIZEN PRODUCTIVITY THROUGH EDUCATION

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Artificial intelligence (AI) is no longer a distant technology used only by large technology companies or research laboratories. It is now part of how societies work, learn, govern, and grow. AI is transforming productivity by improving business forecasting and personalising learning. For countries to compete in the AI economy, it is more important for citizens to understand and use AI than simply have access to it. This makes upskilling and reskilling in AI education vital for national progress.

Countries worldwide are investing in AI governance, local AI models, and infrastructure. This supports technological independence, reducing reliance on foreign suppliers. Nations such as the UK, Singapore, South Korea, and the UAE are building strong data systems, powerful computing infrastructure, and AI models in their native languages to secure long-term economic strength.

Malaysia is taking a unique approach by creating local AI databases, training AI talent, and developing culturally relevant AI solutions. Its goal is to become a regional AI leader in ASEAN, not just a user of AI technology. However, technology alone will not boost productivity without widespread knowledge of and skills in AI among the population

AI IN EDUCATION:
ENHANCING AI CITIZEN PRODUCTIVITY THROUGH EDUCATION

Upskilling means improving existing skills, such as a government worker using AI to make better decisions or a teacher incorporating AI into lessons. Reskilling means training for new jobs, like an administrative assistant becoming an AI workflow coordinator. Both are needed to keep the workforce flexible and productive

AI boosts productivity by automating repetitive tasks, reducing errors, and speeding decisions. It helps teachers create personalised lessons, supports healthcare with data analysis, and lowers manufacturing costs through predictive maintenance. When used widely, these benefits increase national productivity.

The global job market shows the need for retraining. The World Economic Forum predicts that by 2027, 44% of workers' core skills will change, and there will be a net loss of around 14 million jobs due to structural shifts in the labor market. AI is expected to transform jobs rather than simply replace them, making continuous learning essential.[1]

The International Monetary Fund estimates AI will affect about 40% of jobs worldwide, especially in knowledge-based fields. AI will change how work is done, increasing the importance of creativity, critical thinking, and problem-solving.[2]

1. *Source: https://www3.weforum.org/docs/WEF_Future_of_Jobs_2023.pdf*
2. *Source: https://www.inc.com/jennifer-conrad/ai-will-eliminate-some-jobs-imf-says.html*

AI IN EDUCATION:
ENHANCING AI CITIZEN PRODUCTIVITY THROUGH EDUCATION

AI education also encourages innovation beyond productivity. Non-technical people can now analyse data and create digital solutions using AI tools. For example, small business owners can optimise inventory, teachers can design interactive lessons, and public workers can automate tasks. This empowers many people and promotes innovation across society.

In Malaysia, small and medium enterprises (SMEs) make up over 97% of businesses. Upskilling and reskilling this group can greatly improve the economy since even small efficiency gains add up. For instance, data analytics can improve decisions and reduce costs, while AI marketing tools can help SMEs reach more customers.[3]

However, challenges remain. Many people know about AI but lack practical skills and training opportunities. Without hands-on experience, AI use stays surface-level and does not increase productivity.

The digital divide also limits access to AI tools. Differences in location and income affect access to technology and the internet. Unequal access can increase inequality and leave some groups behind.

AI IN EDUCATION:
ENHANCING AI CITIZEN PRODUCTIVITY THROUGH EDUCATION

Ethics and trust are important, too. Concerns about bias, privacy, and responsibility grow as AI use increases. Responsible AI development requires human control, fairness, and transparency. AI education must teach both technical skills and ethical awareness.

Looking at other countries, Singapore aligns workforce training with national goals, India includes AI in school curricula early, and South Korea integrates AI into digital learning environments. These examples show how successful AI nations invest in continuous learning for their people.

Malaysia has a strong foundation with growing AI infrastructure, business involvement, and clear policies. The main challenge is expanding education and training to reach everyone. This includes teaching AI literacy in schools, expanding workforce programmes, supporting SMEs, and strengthening public-sector skills.

Developing local AI solutions is also key. Focusing on Bahasa Malaysia and culturally relevant applications will make AI more useful and accessible. This helps Malaysia become a regional AI hub.

Ultimately, reskilling and upskilling in AI education are investments in people. Technology alone does not drive productivity; it is the combination of human skills, creativity, and critical thinking that unlocks AI's full potential.

In summary, national productivity in the AI era depends on continuous learning and skill development. While challenges like access and trust exist, Malaysia can achieve economic growth, innovation, and global competitiveness by empowering its citizens to lead in AI.

3.*Source: International Journal of Advanced and Applied Sciences | IJAAS*

The views, analyses, and opinions presented in in this article are soley those of the author. They do not represent the official stance, policy direction, or endorsement of the National AI Office (NAIO) or the Ministry of Digital Malaysia.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

BY:
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CHAIR OF THE SCIENCE, TECHNOLOGY, ENGINEERING POLICY ASIA PACIFIC NETWORK (STEPAN), UNESCO

BUILDING A NATION THAT UNDERSTANDS BOTH THE POWER AND RISKS OF AI

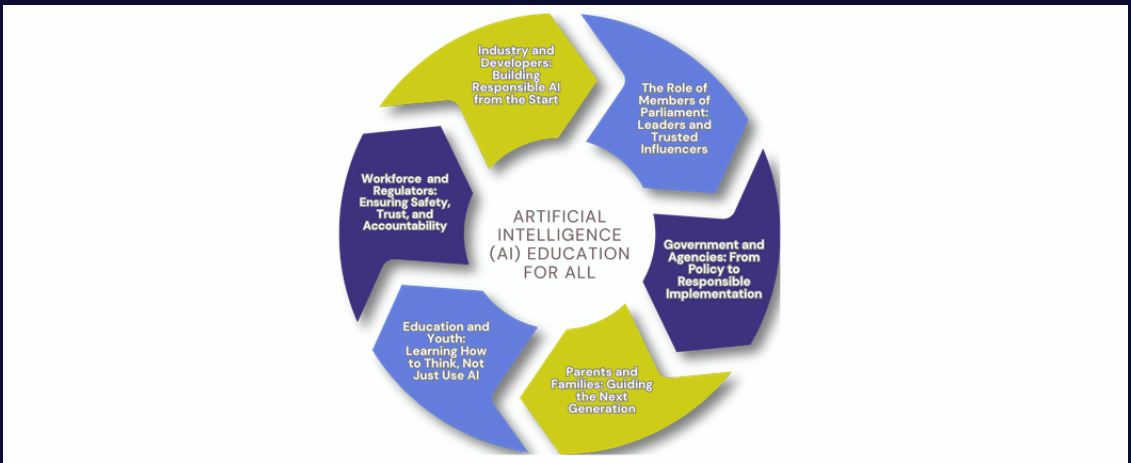
Artificial Intelligence (AI) is no longer something distant or abstract. It is already embedded in how we live, work, and make decisions every day. Whether we are searching online, receiving recommendations, interacting with chatbots, or relying on systems that assess loan approvals or healthcare risks, AI is present, often quietly, but with real influence. Over time, it is shaping not just what we do, but how we think.

Malaysia's aspiration of "AI for All" is both timely and necessary. It reflects a clear intent to ensure that AI is not confined to experts or large organisations, but is accessible and beneficial to society at large. However, there is a gap that needs more attention. While adoption is accelerating, understanding is not keeping pace. Many people use AI tools regularly without fully grasping how they work, what their limitations are, or where the risks lie. That gap, between usage and understanding, is where problems tend to emerge.

A simple example illustrates this. A student uses an AI tool to generate answers for homework. The response looks polished and confident, so it is accepted without much scrutiny. But parts of it may be inaccurate or biased. If the student lacks the ability to question or verify the output, learning is reduced to replication. Scaled across many students, this becomes a broader issue, not just an individual one.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

This is why AI literacy needs to be treated as a national priority. It is not about turning everyone into engineers or data scientists. It is about helping people understand what AI can and cannot do, when it should be trusted, and when it should be questioned. Malaysia's AI Governance and Ethics Guidelines (AIGE) already provide a useful foundation, particularly in areas such as ethics, accountability, transparency, and risk. The challenge now is ensuring these principles are understood beyond technical circles. AI is no longer just a technology issue, it is a societal one.



THE ROLE OF MEMBERS OF PARLIAMENT: LEADERS AND TRUSTED INFLUENCERS

For Members of Parliament, AI introduces a new layer of complexity to governance. Policies across digital infrastructure, education, finance, healthcare, and national security are increasingly influenced by AI systems, even when those systems are not immediately visible.

Without a working understanding of how AI operates, there is a risk that decisions are made based on assumptions rather than evidence. For example, a push for rapid AI adoption in public services may focus on efficiency gains, but overlook risks such as embedded bias. An AI system used to prioritise welfare applications may unintentionally disadvantage certain groups if trained on historically skewed data. These are not hypothetical risks, they are well-documented patterns.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

AI literacy allows policymakers to engage more meaningfully with these issues. It equips them to ask better questions, around fairness, accountability, and transparency, rather than relying solely on technical advisors. Just as importantly, it reinforces public trust. Citizens increasingly expect their leaders to understand the systems that shape their lives. In an AI-enabled environment, that expectation is reasonable.

Beyond policymaking, Members of Parliament also play an important role as community influencers. They are often a primary source of guidance on emerging issues. In the case of AI, this role becomes even more significant. Through engagements, dialogues, and local outreach, they can help citizens navigate both the opportunities and the risks, from misinformation to data privacy concerns.

In doing so, they are not only governing the use of AI, they are helping society adapt to it. That distinction matters.

GOVERNMENT AND AGENCIES: FROM POLICY TO RESPONSIBLE IMPLEMENTATION

Within the government, the challenge is less about setting direction and more about execution. Ministries and agencies are responsible for translating national strategies into systems that people actually interact with.

AI is already being explored in areas such as predictive healthcare, urban planning, and service delivery. But implementation is where many issues surface. A chatbot deployed to handle citizen enquiries, for instance, may improve response times, but if poorly designed or insufficiently monitored, it can just as easily provide incorrect or incomplete information. The result is not efficiency, but frustration, and potentially a loss of trust.

This is why AI literacy within the government needs to go beyond awareness. Public officials must be able to evaluate use cases, understand risk trade-offs, and apply governance frameworks like AIGE in practical settings. Perhaps more importantly, there needs to be a shift in mindset. AI is not just about automating processes, it is about shaping decisions. That requires active oversight, not passive adoption.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

PARENTS AND FAMILIES: GUIDING THE NEXT GENERATION

The impact of AI is also playing out in quieter, more personal ways, particularly within families. Children today are growing up with AI as a normal part of their environment. For them, interacting with AI tools feels intuitive.

For many parents, however, this is unfamiliar territory. That difference in familiarity can create a subtle but important gap. Children may increasingly turn to AI for answers, including on matters that require judgement or emotional understanding.

Consider a child seeking advice from an AI system on a personal issue. The response may sound reasonable, but it lacks context, empathy, and lived experience. Without guidance, there is a risk that such responses are taken at face value.

AI literacy for parents is therefore less about technical knowledge and more about staying engaged. When parents have a basic understanding of how AI works, they are better positioned to guide conversations, challenge assumptions, and reinforce critical thinking. The goal is not to compete with technology, but to ensure it does not replace human judgement and values.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

EDUCATION AND YOUTH: LEARNING HOW TO THINK, NOT JUST USE AI

For students, AI offers clear benefits, from improving access to information to supporting creativity. At the same time, there is a growing concern around overreliance.

When AI is used as a shortcut rather than a support tool, it can weaken fundamental skills. A student who consistently relies on AI to complete tasks may perform well in the short term, but struggle to develop independent thinking over time.

This is where education systems need to be deliberate. The focus should not be on restricting AI, but on teaching students how to engage with it critically. This includes questioning outputs, verifying information, and understanding limitations.

Ultimately, the objective is straightforward, to develop individuals who can think clearly in an environment where AI is readily available.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

WORKFORCE AND REGULATORS: ENSURING SAFETY, TRUST, AND ACCOUNTABILITY

In the workplace, AI is already reshaping how work is done. Routine tasks are increasingly automated, which creates space for more complex and value-driven activities. But this shift also requires adjustment.

AI literacy helps workers reposition themselves, not in competition with AI, but alongside it. It supports reskilling and enables a transition from task execution to decision-making and problem-solving. For Malaysia, this is closely tied to long-term productivity and competitiveness.

At the same time, regulatory and enforcement bodies face a different set of challenges. Their role is to ensure that AI systems, particularly in high-risk sectors like healthcare, are safe and reliable.

Under frameworks such as the Medical Device Act 2012 (Act 737), medical devices must undergo proper assessment before approval. The Medical Device Authority (MDA) plays a key role here, including for devices that incorporate AI.

However, as AI systems become more autonomous and adaptive, traditional approaches to testing and validation become less straightforward. Systems that evolve over time are inherently harder to evaluate using static methods.

This increases both complexity and risk. It also makes AI literacy within regulatory bodies essential. Regulators need to understand not just what a system does, but how it behaves under different conditions, and how risks may change over time.

ARTIFICIAL INTELLIGENCE (AI) LITERACY FOR ALL: WHY UNDERSTANDING AI IS EVERYONE'S RESPONSIBILITY

INDUSTRY AND DEVELOPERS: BUILDING RESPONSIBLE AI FROM THE START

For industry players, particularly developers and technology providers, responsibility begins at the design stage. Choices made early, around data, model architecture, and safeguards, have long-term consequences.

Issues such as bias or unintended harm are often not the result of malicious intent, but of oversight or insufficient consideration. This is where governance frameworks like AIGE need to be embedded from the outset, not introduced later as a corrective measure.

Developers need to ask practical questions. Not just whether a system performs well, but whether it performs fairly, safely, and consistently across different contexts.

Trust, in this sense, is not an abstract concept. It is built through design decisions.

CONCLUSION: AI LITERACY IS A SHARED NATIONAL RESPONSIBILITY

Trust remains central to AI adoption. Without it, even well-designed systems will face resistance. With it, AI can be integrated in ways that are both effective and sustainable.

Malaysia's vision of "AI for All" is not simply about expanding access. It is about ensuring that people understand what they are using, what it means, and what responsibilities come with it.

This applies across the board, from policymakers and public servants to parents, educators, industry, and regulators. Each group plays a different role, but the underlying requirement is the same, a baseline level of understanding.

AI is a powerful tool. Used well, it can improve outcomes and create new opportunities. Used without understanding, it can just as easily introduce risk.
That is why AI literacy is not optional. It is a shared responsibility, and increasingly, a necessary one.

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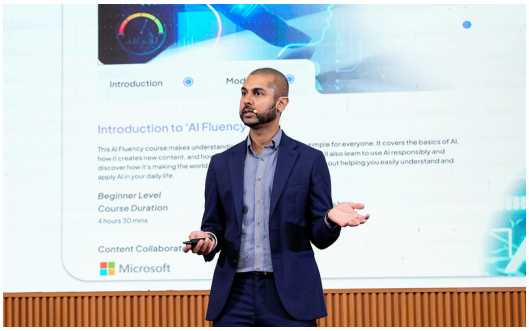
ADVANCING MALAYSIA'S AI JOURNEY: MICROSOFT ELEVATE A WHOLE-OF-NATION EFFORT IN ACTION

BY:
SITI NUR AINA ADIBAH BINTI ABDULLAH
BIJI-BIJI INITIATIVE

Malaysia's ambition to become a leading AI-driven nation took a significant step forward with the official launch of Microsoft Elevate, a national AI capacity-building initiative aligned with the AI Nation 2030 vision. More than a programme, Microsoft Elevate represents a coordinated, whole-of-nation effort bringing together government, industry, and community partners to ensure AI readiness is not confined to a few, but extended to all.

Delivered in close collaboration with the National AI Office (NAIO) and Sekretariat Majlis TVET Negara—and implemented by Biji-Biji Initiative and Mereka—this journey is strengthened by partners across the ecosystem, including different divisions from the Ministry of Education (MOE), Jabatan Pendidikan Politeknik dan Kolej Komuniti (JPPKK) and public universities under the Ministry of Higher Education (MOHE), Majlis Amanah Rakyat (MARA), CIDB, Ministry of Human Resource (MOHR) and its agency TalentCorp, Ministry of Youth & Sports, Perbadanan Hal Ehwal Bekas Angkatan Tentera (PERHEBAT), Universiti Teknologi Petronas (UTP), Centre For Technology Excellence Sarawak (CENTEXS), Johor Skills Development Centre (JSkills), Sarawak Development Economy Corporation (SDEC) and SEEK. Together, we share a commitment to building inclusive, practical, and responsible AI capabilities across Malaysia, reaching educators and students, MSMEs, civil servants, and communities nationwide with role-based skills that translate into real-world application.

ADVANCING MALAYSIA'S AI JOURNEY: MICROSOFT ELEVATE A WHOLE-OF-NATION EFFORT IN ACTION



The launch is an important milestone in a journey already demonstrating tangible impact since its pilot phase, Microsoft Elevate has reached 80,000 learners nationwide, building on earlier national efforts that have collectively equipped millions of Malaysians with digital and AI skills. Guided by the principle that meaningful AI transformation depends on people, the programme's phased roadmap towards 2030 will deepen sector-specific capabilities and support adoption across education, industry, and public services. As we move forward, we look forward to many more partnerships with industries, agencies, and institutions to make Microsoft Elevate ever more accessible and inclusive to all.

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MICRON ROUNDTABLE ON STEM GRADUATE EMPLOYMENT

BY:
AMYRA EFASYAFIQA LISMAWIRA AMRAF
MEREKA

In strengthening career pathways for STEM graduates from B40 communities, Micron Malaysia, Biji-biji Initiative, Mereka, TalentCorp, and NAIO, alongside partners from government, industry, and academia, came together for a Multi-Stakeholder Lived-Experience Roundtable. The session brought honest reflections on the challenges graduates continue to face — from limited access to opportunities and financial pressures, to the difficult transition from education into industry.

The conversation moved from reflection to action, with stakeholders exploring how to better support graduate journeys through stronger industry–academia alignment, improved career navigation, and more inclusive ways of recognising talent and potential. More than a closing session, the Roundtable served as a collective pause to reconnect with purpose and ask: what can we do differently, and better, moving forward?

NAIO UPDATES

DRIVING WHOLE-OF-NATION AI READINESS FOR MALAYSIA

The Ministry of Digital, through the National AI Office (NAIO), in collaboration with Microsoft, launched Microsoft Elevate an expanded national initiative to accelerate capacity building and AI adoption in the quest to strengthen Malaysia's position as a leading AI-driven nation by 2030.

Officiated by the Minister of Digital, YB Gobind Singh Deo, the initiative brings together key partners across education, industry, and communities which including educators, MSMEs, and the public sector reflecting a whole-of-nation approach to ensure inclusive participation in the AI economy.

Building Microsoft's initiative in equiping 800,000 Malaysians with AI skills in 2025, the Microsof Elevate further expands access to AI learning for over 80,000 students and educators.

In his remarks, YB Gobind Singh Deo emphasised that Malaysia's AI progress must be driven by three key priorities which are Awareness, Access, and Adoption, where efforts go beyond exposure to ensuring Malaysians are empowered to utilise AI, develop solutions, and translate capability into real impact across society, business and government.

Through a phased roadmap towards AI Nation 2030, Malaysia is taking decisive steps to remain ahead of the curve, building an inclusive, future-ready digital ecosystem for all.

NAIO UPDATES

EMPOWERING THE PUBLIC SECTOR: A LEAP FORWARD IN AI ADOPTION

The public sector continues to hit new milestones in digital integration. On 29 April 2026, the Performance Acceleration Coordination Unit (PACU), in collaboration with the National AI Office (#NAIO), successfully conducted the Kursus Pengaplikasian AI Untuk Penyediaan Dokumen Strategik (AI Application Course for Strategic Document Development) as an extension of the AI@Work initiative.

While AI@Work serves as the overarching strategic framework to cultivate internal "AI Champions," this specific course marks a transition from general literacy to specialised application. Unlike foundational AI training, this programme focused specifically on the technicalities of using AI to automate and refine high-level policy papers and strategic frameworks.

As a specialised module under the AI@Work initiative, this session represents a coordinated effort to strengthen internal capabilities through a "whole-of-government" approach. Facilitated by government officers already certified as AI Champions, the programme equipped participants with deep-dive practical skills to leverage AI tools for producing high-quality, data-driven strategic documents.

The programme was designed to deliver the following strategic outcomes:

Operational Efficiency: Streamlining the creation of complex documents to significantly boost productivity.

Read more : Empowering the Public Sector: A Leap Forward in AI Adoption

NAIO UPDATES

ENGAGING IN GLOBAL AI POLICY DEVELOPMENT FOR RESPONSIBLE GOVERNANCE

The National AI Office (NAIO) recently participated in the Second Co-Creation Workshop on the OECD AI Policy Toolkit and the dialogue on "AI Governance: Global Issues, Local Approaches", held in Bangkok from 30 March to 1 April 2026.

Representing NAIO was, the AI Policy team were Mr Reza Ali and Ms Graciely O'Hara, who joined policymakers, experts, and regional stakeholders for this three-day engagement on advancing practical approaches to AI governance.

Key takeaways from this workshop:

- OECD AI Policy Toolkit: The OECD is developing a practical online AI policy toolkit to support countries in implementing the OECD AI Principles. Malaysia was pleased to contribute to these discussions and share perspectives from our national context.

- Operationalising the Hiroshima AI Process: Discussions explored how the Hiroshima AI Process (HAIP) Reporting Framework can be integrated into the toolkit to support more transparent private-sector disclosure of AI risk management practices.

- Collaborative Governance: The workshop also provided a valuable platform to strengthen regional cooperation and deepen engagement with ASEAN partners on AI governance.

NAIO remains committed to aligning Malaysia's AI development agenda with international best practices, while ensuring that our local context, national priorities, and values remain at the centre of our digital transformation — in line with the vision of Malaysia's AI Nation 2030.

NAIO UPDATES

Conference on AI 2.0 to Boost Productivity
Kuala Lumpur, Malaysia
21 - 22 April 2026

AGENTIC AI: THE NEXT FRONTIER OF PRODUCTIVITY

The Conference on AI 2.0 to Boost Productivity held in Kuala Lumpur from 21 to 22 April 2026, organised by the Malaysian Productivity Corporation (MPC), focused on topics such as Agentic AI, ROI measurement, governance frameworks, and workforce transformation for productivity gains across the Asia-Pacific, bringing together key stakeholders shaping the future of AI adoption.

For his session on “Agentic AI - The Next Frontier of Productivity”, Sam Majid , Head of the National AI Office (#NAIO), highlighted a critical development in the AI landscape: systems are advancing beyond reactive tools into autonomous, goal-driven agents capable of initiating and executing tasks.

For organisations, this means the need to rethink how systems are designed and managed. AI must be built to follow clear goals, there must be proper oversight as it becomes more independent, and its outputs must remain reliable, accurate, and trusted.

In many industries, work is shifting towards a partnership between humans and AI. Instead of people doing everything manually, decisions and execution are increasingly shared between human judgment and AI systems that can act on instructions.

For more context on the discussions: Agentic AI: The Next Frontier of Productivity

NAIO UPDATES

UK-SOUTHEAST ASIA FRONTIER TECHNOLOGIES IN DIGITAL HEALTH SYMPOSIUM 2026

The National AI Office (NAIO) recently participated in the UK-Southeast Asia Frontier Technologies in Digital Health Symposium, held from 7-8 April 2026 in Manila. The invitation was facilitated by the UK in Malaysia. The symposium gathered regional leaders and experts to address the integration of AI within healthcare systems, noting that while innovation is accelerating, progress remains uneven due to fragmented systems and inconsistent regulations. The discussions emphasised the transition from successful pilots to regional scale requires a unified approach to governance and infrastructure.

Critical Priorities for Scalable Innovation

The symposium identified several foundational pillars necessary to move digital health forward:

- Interoperability and Data Standards:

Fragmented and siloed data systems currently represent the most significant barrier to scaling health solutions beyond the pilot stage.

- Trust and Governance:

Establishing public and professional confidence in AI requires transparent governance, strict data privacy, and regulatory alignment.

- Implementation Over Ideation:

There is an urgent requirement to move beyond the proof-of-concept stage by securing clinical evidence and clearer investment frameworks to support real-world adoption.

Read more : UK-Southeast Asia Frontier Technologies in Digital Health Symposium 2026

NAIO UPDATES

BRIDGING AI EXPERIMENTATION AND ADOPTION FOR A FUTURE-READY MALAYSIA

National AI Office (NAIO) was pleased to support AI in Action 2026: From Experimentation to Adoption, held in Kuala Lumpur on 22 April 2026 and hosted by iReady SEA.

The programme brought together academia, industry practitioners, and ecosystem partners to explore how organisations can move from experimenting with AI to adopting it in real operations. It focused on practical readiness, from people and skills to workflows and governance, to support responsible AI implementation.

On the panel discussion, "Preparing Organisations for AI Adoption: Understanding the Foundations for Responsible Implementation", Alhafidz Yahya, Director of Innovation at NAIO, shared insights on moving beyond experimentation. He highlighted that successful AI adoption is not just about technology, but requires a holistic transformation across talent, data, infrastructure, governance, strategy, and funding.

Strong leadership and a clear step-by-step approach from awareness to readiness and adoption were also highlighted as important. Many organisations remain at the pilot stage because their AI efforts are not well connected or are implemented in isolation.

This reflects a common challenge across industries where there is strong interest in AI, but uncertainty on how to start and scale it effectively. Addressing this requires strengthening AI understanding, providing clearer guidance, and continuously building capabilities.

These efforts are closely aligned with the direction of AI Nation 2030, which reinforces the importance of building readiness and confidence to support practical and responsible AI adoption across Malaysia.

NAIO UPDATES

FROM AWARENESS TO EXPERIENCE - AI COMES TO LIFE IN IPOH, PERAK

The National AI Office (#NAIO), representing the Ministry of Digital, kicked off its first Program MADANI Rakyat (PMR) engagement for the year in Ipoh, Perak from 3–5 April 2026, bringing AI closer to communities through meaningful, hands-on experiences at the STEM/AI booth.

As part of this nationwide initiative, our focus goes beyond introducing AI, we create spaces where people can experience it.

Among the highlights this time was our interactive activities:

Deviation Game : "Cabaran Kreatif Manusia"
This simple yet thought-provoking game invited participants to draw something humans can understand, but AI might struggle with. Sounds easy? Not quite.

Read more for the full context: From Awareness to Experience - AI Comes to Life in Ipoh, Perak

Call for contributors

NAIO is looking for writers to contribute to the conversation on AI through this publication.

Authors who are interested in submitting an article for the NAIO Pulse should send a title and short summary to the "Editorial Office" (contact us@ai.gov.my) outlining the scope of their proposed article and accompanied by a short profile of the writer.

Accepted proposals will be notified *via* email with submission guidelines attached. Topics should be within the scope of the NAIO Pulse's coverage and address current issues.

Thank you for being a valued part of the NAIO Community. If you have any question or feedback, please do not hesitate to reach out to (contactus@ai.gov.my)

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