

# Academy of Language Studies

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AKADEMI PENGAJIAN BAHASA  
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## ADAPTIVE ASSESSMENT COURSE: Useful AI tools in Higher Education



*Dr. Leow presenting our project*

AI, or Artificial Intelligence, is revolutionising the education landscape by providing personalised learning experiences for students and data-driven insights for educators. Recently, we participated in an interactive two-day workshop titled "Assessment Reimagined: Unravelling the AI Revolution in Higher Education." This interactive workshop offered a deep-dive exploration of integrating AI into teaching and assessment practices. During the workshop, we embarked on an exciting AI journey, discovering the potential of AI to transform and enhance four key assessment strategies: Problem-Based, Project-Based, Inquiry-Based, and Group-Based assessments.

The workshop struck a perfect balance between theoretical concepts and practical applications, introducing participants to the world of AI, its potential in teaching and learning, and how it can be practically applied in their assessment practices. The workshop's structure was thoughtfully designed, offering a rich blend of theoretical knowledge sharing, hands-on AI tool exploration, and engaging assessment simulations. This approach kept us thoroughly engaged and empowered us to understand the real impact of AI on various teaching and assessment methods.

The speakers suggested a list of AI tools they thought would be useful for the teaching and assessment practices in higher education. The tools are briefly described below, under the categories of general-purpose chatbots that support the teaching and assessment practices and AI presentation makers which enable professional knowledge sharing.



# The AI Tools



ChatGPT

## **ChatGPT** (The main AI tool introduced in the course)

ChatGPT is a humanoid robot with a user-friendly interface that can offer users advice, information, and even analysis. It can perform a variety of functions in the teaching and learning process in which some of them include initiating

discussion, proofing, calculations, basic research and problem-solving, providing immediate feedback and progress. On the curriculum development and assessment aspect, ChatGPT can assist the curriculum design process in terms of suggesting assessment rubrics, scheduling educational programs, tasks or materials preparation, and focusing on specific goals.

## **Perplexity**

Perplexity asserts to have a high level of accuracy. It uses the ground-breaking "perplexity training" method, which analyses statistical correlations

between words and phrases to produce writing that is both grammatically accurate and semantically insightful. Despite having a reputation for producing accurate results, ChatGPT occasionally generates responses that are less contextually relevant.



# Perplexity



## **Google Bard**

The difference between ChatGPT and Google Bard is that ChatGPT is better equipped for creating ideas and contents, while Google Bard is focused more on summarising and supplying facts like a search engine. The

most significant advantage of using Google Bard is that it retrieves real-time information from the internet. Like Perplexity, it has a higher degree of factual accuracy because it tends to cite sources in its responses.

# The AI Tools



**Microsoft Bing** functions as both a search engine and chatbot. It is a more integrated and specialised research assistant because it is a part of Microsoft Edge, whereas ChatGPT is accessible through any browser. Like ChatGPT, Microsoft Bing assists the curriculum design and assessment process, especially in generating rubrics for assessment.

## Decktopus AI

Decktopus AI is a cutting-edge, AI-powered presentation tool that creates professional presentations. Based on the topic given, it will



generate a completely prepared presentation. Particularly for people who lack substantial design experience, it is intended to save time and increase productivity. It also contains features that propose images and additional contents to enhance the presentation.



**Microsoft Designer** is the newest addition to Microsoft's line of products. It looks similar to another design tool called Canva. It is an AI tool that creates graphic designs and templates. During the course, one of the features we tested was its ability to design posters and flyers. Interestingly, images can be generated by adding prompts. To help with prompt generating, we can also add our own image to the prompt box or select from the pre-designed template. The function is comparable to the Midjourney image-generative AI tool.

Generally the "Assessment Reimagined" workshop provided invaluable experience, inspiring and empowering us to leverage AI to transform student learning. The knowledge and skills gained will shape our future educational efforts, creating personalised and effective learning environments. However, ethical considerations regarding AI usage must be addressed to prepare students and professionals for continuous development. We learned about AI applications in teaching, learning, and assessment and look forward to related courses addressing AI tools in education, anticipating advancements in the field.

