

Table S1. Quantitative analysis (average rates and Standard Deviation (Sdev))

Theme No	Theme (AI Benefits)	Item No	Code/item	Item AR	Item Sdev	Theme average	Theme Sdev
1	Personalised Lesson Plans	1	AI helps create individualised lesson plans based on unique student profiles.	3	0.91	3.18	0.443847
		2	AI creates personalised lesson plans that reflect the particular requirements of each student.	2.8	1.20		
		3	AI helps in content creation.	3.9	1.24		
		4	AI enhances personalised learning.	2.9	0.89		
		5	AI enhances personalised curricula.	3.3	1.13		
Average							
2	Assessment and Grading	1	AI can automate grading support	4.5	1.25	3.32	0.816701
		2	AI offers immediate assessments and feedback.	3.4	1.1		
		3	AI enables students to rectify their mistakes and swiftly improve their comprehension making teaching easier.	2.2	0.99		
		4	AI promotes a more effective learning environment.	3.3	1.02		
		5	AI employs automated assignment grading	3.2	0.89		
Average							
3	Group Discussions	1	AI enables creative ways of group discussions.	2.5	1.17	2.971428571	0.495696
		2	AI enhances student collaboration.	3.6	1		
		3	AI supports classroom management.	3.7	1.18		
		4	AI develops critical thinking abilities.	2.5	1.02		
		5	AI supports peer learning experience are all greatly enhanced by group discussions.	2.8	1.02		
		6	AI gives teachers stimulating discussion topics.	3	1.04		
		7	AI monitors the discussion’s progress.	2.7	0.95		
Average							
4	Proofreading and Grammar Checks	1	AI helps in proofreading and grammar checks.	4.6	1.02	4.533333333	0.404145
		2	AI enhances students’ written work.	4.1	1.11		
		3	AI examines and fix grammatical, punctuation, spelling, and syntax issues in their written documents, including lesson plans, resources, and email correspondence.	4.9	0.93		
		Average					
5	Special Learning Requirements	1	AI supports students with special learning needs, learning materials and feedback.	3.8	0.87	3.75	0.974679
		2	AI can translate any information into languages.	4.1	1.06		
		3	AI expands and explores context to understand students’ documents with special needs.	4.7	0.96		
		4	AI supports student progress analytics.	2.4	1.11		
Average							
6	Teaching Plans and Resources	1	AI aids in pedagogical planning and in finding teaching plans and resources.	3	0.89	3.471428571	0.521901
		2	AI help in finding necessary materials and helpful resources.	3.1	0.9		
		3	AI facilitates access to the most recent educational resources.	3.4	0.78		
		4	AI makes it easier to find training materials.	3.3	0.91		
		5	AI helps teachers find useful educational materials.	4.5	1.05		
		6	AI provides interactive teaching tools.	3.2	1.2		
		7	AI recommends educational tools such as: educational games, simulations, movies, animations, quizzes, presentations.	3.8	0.94		
Average							
7	Professional Communication	1	AI helps in planning and directing professional communication.	2.7	1.05	3.3	0.894427
		2	AI supports teachers effectively to communicate with parents, colleagues, and students by generating customised messages.	2.3	1.04		
		3	AI supports writing assistant.	4.5	0.96		
		4	AI can evaluate student progress.	3.9	1.09		
		5	AI can generate automatic feedback reports.	3.1	0.81		
Average							
8	Creative Thinking	1	AI can assist to increase students’ interest and to engage students in creative thinking.	3.3	1.06	3.16	0.648074
		2	Educators can use AI in education to spark interesting conversations and push students to consider a topic from a variety of perspectives.	2.7	1.12		
		3	AI encourages students to think critically and respond creatively.	2	0.9		
		4	Teachers can utilise AI in education to produce open-ended questions, discussion topics.	3.5	0.89		
		5	AI can support students to improve their ability to analyse and solve problems.	3.5	1.02		
Average							
9		1	AI aids in research and development.	3.2	0.83		

	Research and Development	2	Educators can use AI in the classroom as a helpful research assistant in the classroom.	3.5	1.12		
		3	AI can assist educators in formulating research topics, assessing sources, and organizing their findings.	3.7	0.93		
		4	AI in education can also help educators strengthen their research skills.	3.1	1.04		
		5	AI may free up educators to focus on scientific research and community service.	4.9	1.15		
		Average					
10	Other benefits of AI	1	AI reduces administrative work.	2.2	0.93		
		2	AI can automate and reduce repetitive tasks.	3.9	1.1		
		Average					
Theme (AI Concerns)		Code/item		Item AR	Item Sdev	Theme average	Theme Sdev
	Ethical issues concerns	1	Students will cheat more if they use AI.	5	0.85		
		2	When students use AI, it will make plagiarism a bigger problem.	3.9	0.87		
		3	The trust between educators and students will decline with the use of AI.	3.8	0.85		
		4	Students might use AI to solve homework problems, and generate essays.	4.8	0.96		
		5	Students might use AI in take home exams and quizzes.	4.1	0.76		
Average						4.32	0.544977
	Bias concerns	1	AI algorithms use data to make suggestions. If the data has biases, the suggestions will also be biased.	2	0.87		
		2	AI algorithms may make suggestions that are biased towards a certain ethnic group, gender, or socioeconomic group.	2.2	0.78		
		Average					
	Privacy concerns	1	Teachers' conversations with AI tools could be recorded and analysed, which would be a breach of their privacy.	2.4	0.9		
		2	Teachers' personally identifiable information might be stored and analyzed using AI	3.9	1		
		3	The information of educators might not be kept secret if the AI system is public	2.2	0.9		
		4	Personal health records might not be kept secret when interacting with AI systems	2.6	0.89		
		5	Sensitive details and personal information about students might not be kept secret when interacting with AI systems	2.1	0.94		
		6	Privacy concerns about financial information of both educators and students	2	0.93		
		7	Privacy concerns about academic performance of both educators and students	2.8	0.9		
		8	Privacy concerns about personal information of students' parents	2.7	0.88		
		9	Privacy concerns about research and development	3.4	0.9		
Average						2.677777778	0.626055
	Social and academic connection concerns	1	Less interaction between students and educators will result from the use of AI.	4	0.94		
		2	Less interaction between students and classmates will result from the use of AI.	3	0.88		
		3	The use of AI will lead to less communication between educators and students' families.	2.1	0.87		
		4	The use of AI will lead to less communication between educators and colleagues.	3.4	0.87		
Average						3.125	0.797392
	Dependency on AI tools	1	Educators might become over reliance on AI in teaching and learning.	3.4	0.97		
		2	Educators might become over reliance on AI in research and development.	4.9	0.89		
		3	Students might become over reliance on AI.	4.7	0.85		
		4	Too much use of AI will make students less able to think critically.	4.1	0.81		
Average						4.275	0.675154
	Inequity concerns	1	The use of AI tools is not a skill that all educators have.	5	0.75		
		2	There will be inequity in academic performance because not all educators from different faculties are skilled in the use of AI tools.	4.7	0.79		
		3	There will be inequity in research and development because not all educators from different faculties are skilled in the use of AI tools.	4.3	0.94		

	4	There will be inequity in academic achievement because not all students are skilled in the use of AI tools.	4.7	0.64		
	5	There will be inequity in academic achievement because not all students have access to the internet or computers.	3.5	0.7		
Average			4.44	0.581378		
Legislation concerns	1	There is no legislation from the ministry of higher education that addresses AI in teaching and learning.	4.3	0.78		
	2	There is no legislation from the Ministry of Higher Education that addresses AI in academic research or development.	4.3	0.6		
	3	There is no legislation from the ministry of higher education that addresses AI use in homework, quizzes, take-home exams.	4.2	0.91		
Average			4.266666667	0.057735		
Other concerns	1	AI inaccurate (Unreliability of AI tools).	2.9	1.19		
	2	AI can replace educators job.	2.2	1.12		
	3	Use of AI needs background in computer skills.	1.2	1.15		
	4	AI cannot explain its results or feedback.	2.2	0.97		
Average			2.125	0.699405		