



AMICAL 2024

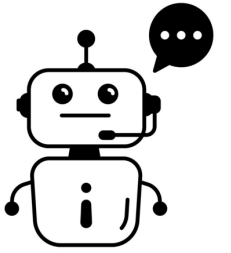
COMPARING AI VS HUMAN GENERATED PARAGRAPHS – FINDINGS
AND PEDAGOGICAL SIGNIFICANCE

AMICAL
CONSORTIUM

Why I undertook this study?

- ▶ Students losing confidence in their abilities
- ▶ Overly relying on ChatGPT for written assignments
- ▶ Seeing writing as something less valuable, therefore unwilling to put an effort into it anymore
- ▶ Ignorant about the loopholes/downsides





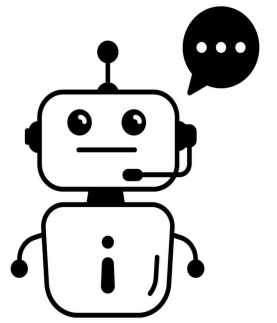
Methodology

- The study was conducted in freshmen writing and communication class.
- Students were instructed to first manually narrow down a broad topic and then write an expository paragraph on the narrowed topic.
- Then, they were told to repeat the same couple of steps using ChatGPT.
- Putting the two paragraphs (human vs AI generated) together, they made comparisons.
- Their written and verbal responses were recorded and categorized into themes that include both positive and negative points.

What did students learn through the exercise?

- ▶ Prompt writing
- ▶ Loopholes in the AI-generated output
- ▶ Ethical use of AI (AI-assisted rather than AI-generated responses)

Some common themes based on students' responses:



- More robotic-sounding; has a flat tone
- Often comes up with easy/too generic topics even when prompted to narrow down
- More objective and based entirely on memory (repository) unlike human-generated text that is more subjective and based on personal observation & judgment
- Prompt writing often consumes a lot of time
- Sometimes, the concluding sentences of the expository paragraphs are too generic
- More clarity in the use of language
- No grammatical and syntactic errors

Thank you for listening!

ANY QUESTIONS?