

Chapter 4 Assignment: Reflection

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When using AI to complete this assignment, the most significant benefit I found was how it made the early stages of the research process faster. I was able to quickly generate a summary of the articles. I read each article so I could compare the accuracy of the information in the summary, and I found that the AI-generated summaries of the articles were accurate and concise. I liked how AI was able to narrow down the important points of the articles. It helped me to narrow my focus to what I needed to create the infographic. AI was also able to quickly find the key themes and create a table that grouped the findings from the articles by topic. Without the help of AI, this would have been a time-consuming task. By completing the summaries and organization, I was able to spend time analyzing the main points of the articles to create the infographic. It also allowed me to think about how I could incorporate the strategies/methods suggested in the articles into my own classroom. For example, the article by Jing Rong discussed using VR field trips so students can explore locations that they would not normally be able to visit (Rong, 2022). This made me think of ways I can bring museum experiences to my students virtually. I do not have access to VR technology for each student, but I could find a virtual field trip or online walkthrough of an art museum so my students could still get an idea of what the inside of an art museum is like. My students have been very interested in the Mona Lisa this year, so I would like to find a virtual field trip of the Louvre that is appropriate for elementary students to use in my classroom.

One main limitation I found when using AI was writing a prompt that would generate a good infographic. I had to create many infographics before I produced one that included all ten of the innovative uses of technology I listed. I found that I had to be very specific in telling it what I wanted; otherwise, it did not produce what I needed. I also had to very carefully check what was produced and edit the infographic quite a bit, even though I told it specifically what it

should say. I found that it included nonsense words and symbols that had to be deleted, and I had to add in text that it left off. This has made me less trusting of the output of AI. While I think it helped me set up the graphic part of the infographic well, the actual information needed a lot of revision. As far as my trust and reliance on the outputs, I am cautious of what it creates. AI is a tool, and the output is not the finished product. It should be used carefully and needs a human touch to create the most accurate end product.

After AI created the infographic, I had to critically evaluate all the text. I had to edit several of the points I had told it to write because it did not produce them accurately. There were letters and symbols added in between words in the sentences that did not make any sense. After I found the first mistake in the text, I carefully read and revised the entire document. The changes I made created an infographic that was accurate and made sense to the reader.

As far as the ethics of using AI, I felt like I needed to keep checking the original articles to make sure AI got the information on the summary correct. Then I had to summarize the summary so it would be in my own words. I also checked my articles to make sure that AI credited the correct author in the in-text citation. I was afraid that it had just placed them randomly. Even though I read the articles, wrote the prompt for the infographic, and edited the mistakes, I still feel like it is not completely my own creation. As an art teacher, I have read a lot about AI-generated art and the controversy surrounding it. Artists say that their artwork is being stolen and used in AI art. This makes me use AI cautiously, as it is getting the images and information from somewhere, and I feel like the original authors or artists are not being accurately credited for their work. The work is also being used without permission, which is also unethical.

In conclusion, AI can be a good way to save time when conducting research. I believe that it needs to be used as a tool and a way to help brainstorm ideas. Then, humans need to take that information and create their own ideas and images. By critically reading, evaluating, and editing AI's outputs, I made sure that my final product reflected my original thoughts and ideas. This assignment highlighted that AI can be a powerful partner in academic work if used transparently and thoughtfully.

References

Rong, J. (2022). Innovative research on intelligent classroom teaching mode in the “5G” era. *Mobile Information Systems*, 2022, Article 9297314.