

## **Short Reflection**

My current knowledge of GenAI is relatively basic. From my understanding, Generative AI is a quite recently developed technology that made our society advance significantly. This technology uses machine learning models to generate new content like texts, images, music and even videos. It does this by analyzing massive amounts of data and patterns, which it then uses to create new and somewhat original outputs. Even without any technical expertise, anyone can use generative AI creatively thanks to tools like DALL-E, Midjourney or Stable Diffusion which allows them to create art by simply describing in text form what they want to see. In the creative fields, Generative AI is revolutionizing how people approach their work. For example, writers and artists can use it to brainstorm ideas and draft stories. The goal of these tools is not to replace human creativity but rather enhance it. One work of Generative AI that I came across recently, that inspired me is “The Next Rembrandt” project, where AI analyzed data of famous Dutch painter, Rembrandt’s paintings and created a 3D printed painting in his style. I found it fascinating that artificial intelligence was able to replicate the artist’s complex techniques and create an entirely new piece of art. This inspired me because it showed me that AI is not just a tool for efficiency, it can also be a medium that is used to preserve and reimagine cultural heritage. As a student, I’m curious to see how Generative AI will continue to evolve and change our world in ways that we can't imagine yet.