

Out of Class Assignment

Choose one of the following websites.

Each of them use Artificial Intelligence in some way to make music.

[Bach Google Doodle](#)

[Neural Drum Machine](#)

[AI Duet](#)

[Melody Mixer](#)

Spend some time exploring and playing with this website.

Answer the following questions

1. What website did you choose?
2. Describe what this website does
3. How do you think this website knows how to make music?
4. Would you consider the music made on this website to be “creative”?
Explain your answer.
5. How could a person use this website to help make their own original music?

Assignment Overview

This assignment would be meant as an introduction to some of the ways that AI is used to engage in music making. The websites chosen for this assignment involve some sort of interactive component where they take user input and generate musical ideas based on that input.

These websites are relatively small in scale and only generate small musical patterns and phrases. They do not make fully generated songs. Having students explore these websites is meant to get them thinking about how AI works to generate musical ideas, how it could be used to assist people with making music and whether or not this type of music could be considered “creative”.

After completing the assignment at home, students would return to class and share out in small groups, ideally each group would have students who each chose a different website. These discussions would serve as an entry point into a lesson about how certain types of AI generative models work. This would introduce students to the concept of training data and how that serves as the basis for what the output will wind up sounding like.

Since this assignment is meant as an exploratory exercise, it would be graded based on satisfactory completion of the questions. There would be no rubric.