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Gen Ai

***Summary of findings & Reflection on the model's ability to generate music in the style of Bach (subjective evaluation).***

The process of training the model to generate music in the style of Bach underscored the critical importance of precision, particularly in setting up exact paths and configurations down to the smallest detail. This attention to detail was essential to ensure the training and generation processes functioned smoothly.

Overall, the model performed admirably within the constraints of the project, particularly considering it was trained for only 100 epochs. It was able to replicate Bach's stylistic elements to a convincing degree, showcasing its potential as a tool for generating classical music. One optimization that significantly improved efficiency was commenting out the music generator after the first epoch during training. This allowed the model to continue training without repeatedly generating outputs, saving approximately three or more hours per session.

Looking back, I wish I had more time to experiment with creating longer more intricate pieces of music. While Bach was the focus I wish to explore generating music in the styles of my favorite classical composer, Debussy.

On a personal note, this module sparked a deeper appreciation for classical music and motivated me to begin learning the piano. I had my first lesson last week, which started an exciting step in my musical journey. This hands-on project not only enhanced my technical skills but also enriched my connection to the art of music itself.