AI has been developed for decades, from Alpha Go to Autopilot, it has been spread to different industries.  [Bob Dylan said](https://www.amazon.com/Chronicles-Vol-1-Bob-Dylan/dp/0743228154), “Creativity has much to do with experience, observation, and imagination, and if any one of those key elements is missing, it doesn’t work,” However, there are many songwriting tools that have been developed by programmers, and these tools are mainly using AI to write songs.

I thought machine learning and AI can do the calculations and choose the best option with the highest probabilities. It seems it is challenging the world of creativity of human beings. With feeding tons of sources and types of music, the software learns the patterns and relationships of the length and tempo of the music sounds. Such as the JukeBox, the algorithm can generate based on the style of 2Pac, Ella Fitzgerald, or Frank Sinatra’s discography. At the current stage, AI music is still considered a musical assistant toll, such as making beats and simple melodies, and it cannot replace the musicians yet, just like the autopilot from Tesla.

It sounds scary and sounds like a threat for musicians, but it may be not.

Because according to time.com, AI helps musicians to open the possibility of creativity for new songs. Many musicians feel that AI led them to a new era of creativity. AI pushes musicians in an unexpected direction, and they hope that AI technology will become a democratizing force and key part of music creations.

I believe AI can be an essential part of music creations and excellent assistance for musicians at the current stage. Along with the development of AI technology, I’m sure that AI can generate a piece of better music. However, would AI like to stay in the assistant position? Or it builds better enough to replace musicians? I think it is possible that AI replaces musicians one day, just like I believe that autopilot can replace drivers. Another concern is copyright.

Since AI is generated by feeding music from other musicians. Is the music produced by AI should have to pay for the copyright?

Question to students:

Would you like to listen to a piece of music made by AI entirely?

Is AI music marketable Or would you like to purchase it?

How does AI music affect musicians? Is AI plus or minus for musicians?

Here is the sample music created by AI if you are interesting (all the rights belong to its creator, I have nothing to do with the below link)

<https://www.youtube.com/watch?v=6FxPJD0JZQo>

Reference:

<https://topten.ai/music-generators-review/>

[https://scienceline.org/2021/01/ai-music-tools/https://scienceline.org/2021/01/ai-music-tools/](https://scienceline.org/2021/01/ai-music-tools/https:/scienceline.org/2021/01/ai-music-tools/)

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