

Mapping of AIVA

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1 Description of tool

With an interface that is similar to Amper, AIVA enable its users to compose new original music as well as produce variations of existing song. What sets AIVA apart from other AI music creation tools is its training data consisting of a large number of orchestral music. This has given AIVA a deeper knowledge in classical music and a more detailed interface with functionalities applicable for the classical music genre [1]. In this project AIVA is classified as closed-source.

2 AI Algorithm

It is mentioned that AIVA uses a Deep Learning algorithm [1, 2], but no more technical details are found.

3 Data-set

With an initial training data-set consisting of 30,000 classical music pieces of the most recognizable composers like Beethoven and Mozart, AIVA has designed their tool to be used for producing soundtrack music. As an addition to their initial data-set, AIVA has recently increased the content to include other genres such as rock and pop [3] to train its deep learning algorithm.

4 Environment

AIVA is executed in a cloud-based environment, or then it is also downloadable as an application.

5 Developer

AIVA is developed by AIVA technologies.

6 Accessibility

AIVA is classified as closed-source in this project.

References

- [1] Dan Cole. These are the best ai platforms to help you make music, 07 2020. URL: <https://djtechtools.com/2020/07/14/best-ai-platforms-to-help-you-make-music/>.
- [2] Anderson Silva Lima and Andreas Blixt. Investigating the possibility of bias against ai-computercomposed music, 2021. URL: <https://www.diva-portal.org/smash/get/diva2:1572294/FULLTEXT01.pdf>.
- [3] Wayne Cheng. Aiva ai soundtrack composition — blog — ai lyrics, song, and music tool, Apr 2021. URL: <https://www.audoir.com/aiva>.