

Sound to Symphony

Al-Powered Generation for Musical Creativity

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"Life without music would be a mistake"

Friedrich Nietzsche

App

Our app generates original musical composition from deep learning.

Made for Live Performance



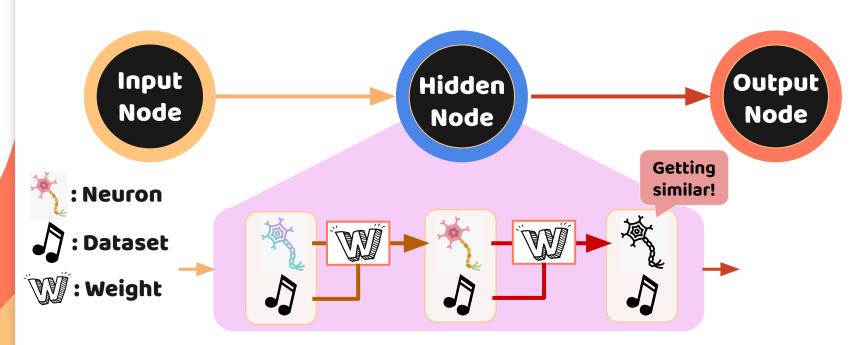
For Musicians and Creatives



API Integration



Recurrent Neural Networks



Neuron learns the pattern of compositions from dataset

Dataset



MAESTRO

- 200 hours of piano recordings
- All classical music
- MIDI files

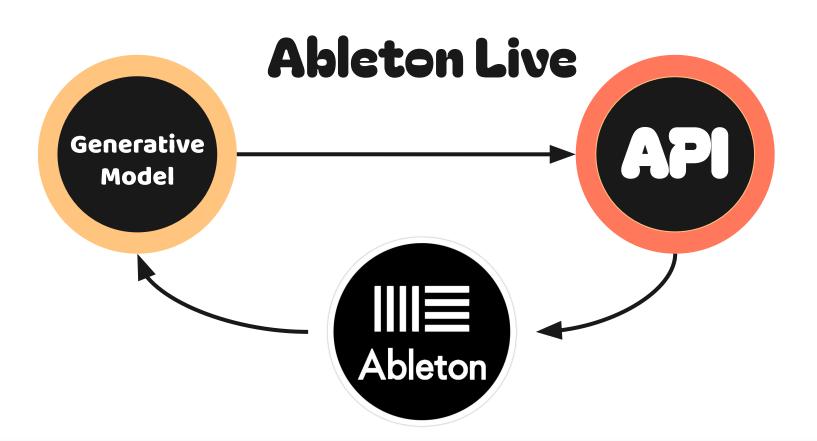


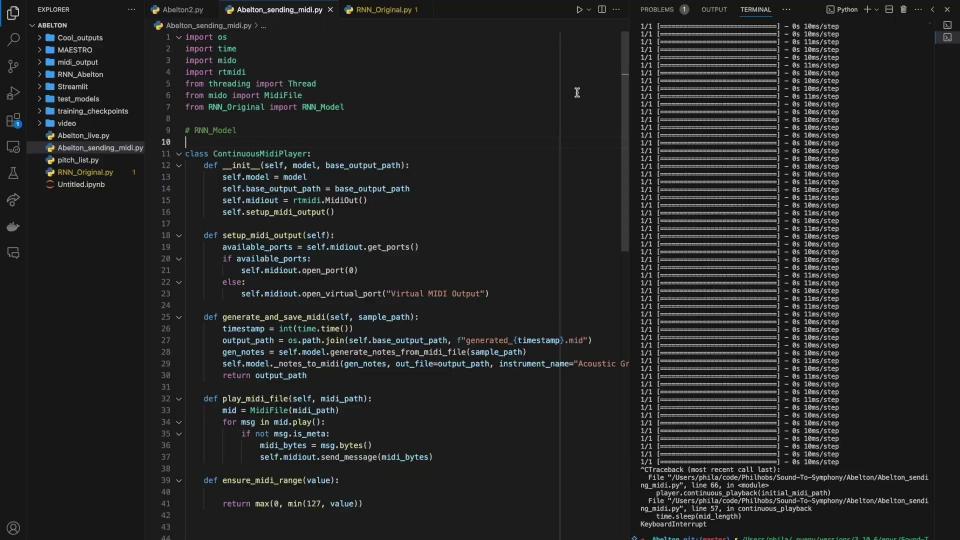
MIDI

- Do not contain sound information
- Contains pitch, velocity and duration
- Instructions to musical software



https://sound-to-symphony-hggkk6 gcyupalttasetpiw.streamlit.app/







TAKE AWAY

GENERATIVE MUSIC COMPOSITIONS

CUSTOMIZABLE MIDI OUTPUTS

LIVE MUSIC INTEGRATION

"You are the music

while the music lasts"

T.S. Eliot

THANK YOU!



Myoungchul Kim, Christelle Joseph, Philip d'Arenberg, Nathan H. Arnett

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