

Honours Project Lightening talk

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Exploration of relationship between chord progressions and peoples' emotions: towards generating music with emotional characteristics through machine learning



VOCABULARY
CARD



CHORD:
MULTIPLE NOTES
PLAYED AT THE
SAME TIME



PROGRESSION:
CHORDS PLAYED
SEQUENTIALLY

What is your emotion after listening to ...



- Build a connection between chord progressions and emotions, see clearer how music affects our feelings
- Generate music with emotional characteristics, provide more inspirations for further music making



Why machine learning?

All chord progressions with specific emotional characteristic follow some patterns

Machine learning models learn patterns much better than human do

To explore how automatic music making can help the industry