

## **Generating chord sequences of songs by machine learning**

THEORYLAB is a large dataset of the information of popular songs. It contains the melodies, chord sequences, and midi files of more than 10,000 songs with about 5,000 artists. The information are encoded in both XML and JSON formats.

The student of this project will write computer programs using machine learning libraries to generate some good chord sequences of songs.

Good programming skills are essential.

It is advisable to talk with the supervisor of this project before you choose this project.

Reference: <https://doi.org/10.48550/arXiv.2001.02360>