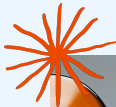


MIDI Dataset for Sample-based

MGS

Shayan Dadman



Problem Description

Lack of specialized MIDI loop datasets that focus on musical patterns

Current datasets primarily offer full-length compositions

Current datasets primarily offer full-length compositions

They are mainly tailored for classical and pop music





Objectives

Create a diverse dataset that provides MIDI loops/samples

Includes different genres

Targets contemporary music production





Possible Approaches

1. Using existing MIDI dataset
2. Using ArtificialSongGenerator tool
3. Using existing audio loops/samples





Desired Outcomes

1. Evaluation of MGS and algorithmic composition models
2. Create a generative model to expand the dataset
3. Enhanced sample based MGS approach

