

Music Genre Classifier

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Goal of Project

Use machine learning to identify music and classify by genre

Dataset and Preparation of data

Dataset from marysas.com

30 second songs of varying genres

Extraction of Data

Mel Frequency Cepstral Coefficient (**MFCC**) is taken from songs and put it numpy array

Songs data are projected on to a spectrogram and this image is what the machine interprets

Action

Convolution Neural Network using three layers