CS 4098D Project Part 1

MUSIC RECOGNITION

Our project aims to develop a music recognition system capable of identifying songs even when they are played in the background, sung by ordinary individuals without instrumental accompaniment, or hummed by someone. We intend to leverage the capabilities of Neural Networks to discern key elements such as tone and melody from a given query. Subsequently, our goal is to employ this neural network to search through a database and identify the closest match to the provided musical input, regardless of variations like wrong pitch or suboptimal performance quality.

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