

Sign Language Detection using Action Recognition

This project was an eye-opening project for me. The objective was to create a model that could detect 'I love you', 'Thank you, and 'Hey' using sign language. While preparing the data for this model I had to perform this action multiple times to get a large dataset based on which the model could learn to detect signs. While preparing the data for it, I realized that learning new languages has the power to change your behavioral patterns as they strengthen old neural connections in your brain and help build new ones. I noticed a drastic change in my speech, as these words became a subconscious response. This took me to my days of playing Drums and how Fibonacci sequences help make music in drums. There are certain instruments in a drum set that you play more often than others, but the combined effect of them makes the beat of a song.