SmartHome Gesture Control Application: Part 2

Approach

The way I approached this problem, was by first gathering the output practice videos from project 1. Then I prepared feature vector sets. This included extracting the middle frame from each video. This should be a png file with the gesture. The next step is to extract the feature vector by using the cnn model for both training and testing videos.

Solution

To determine which have minimum cosign difference, I used cosign similarity between the training and testing videos. Finally, output the vector result in the Results.csv file in a 51x1 matrix.