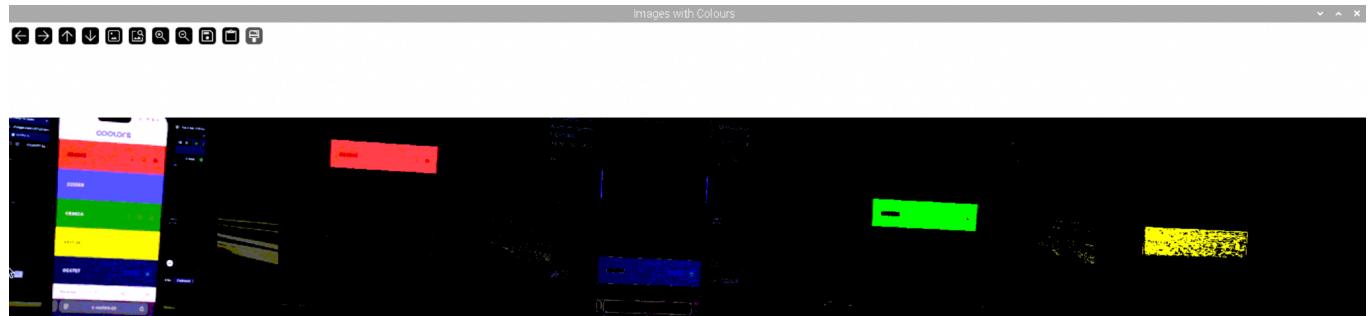


# Image Analytics Lab

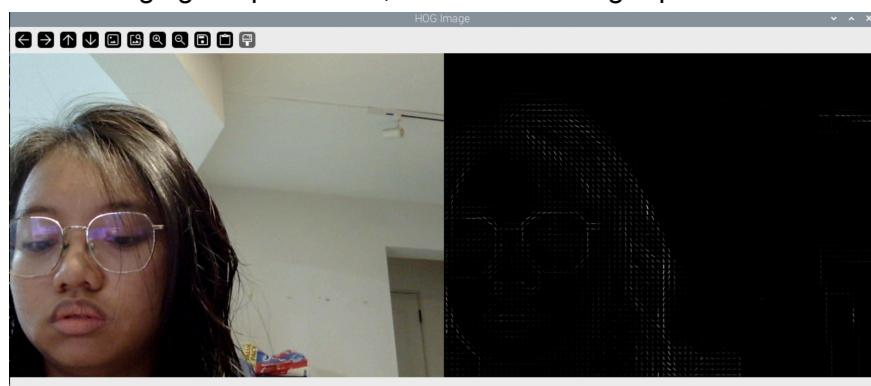
## 4. Introduction to Real-time Image Processing with Python

Colour Segmentation: Red, Blue, Green and Yellow

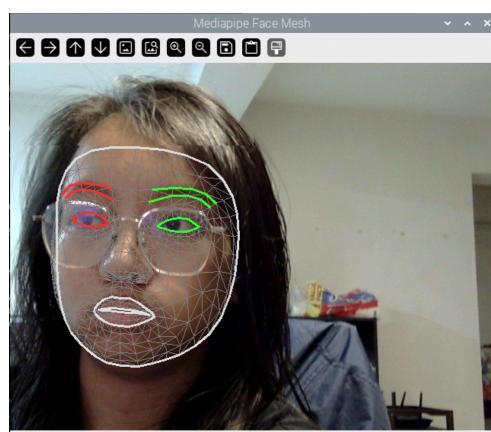


## 5. Real-time Image Analysis

After changing the patch size, I noticed that larger patch sizes result in less detailed images.

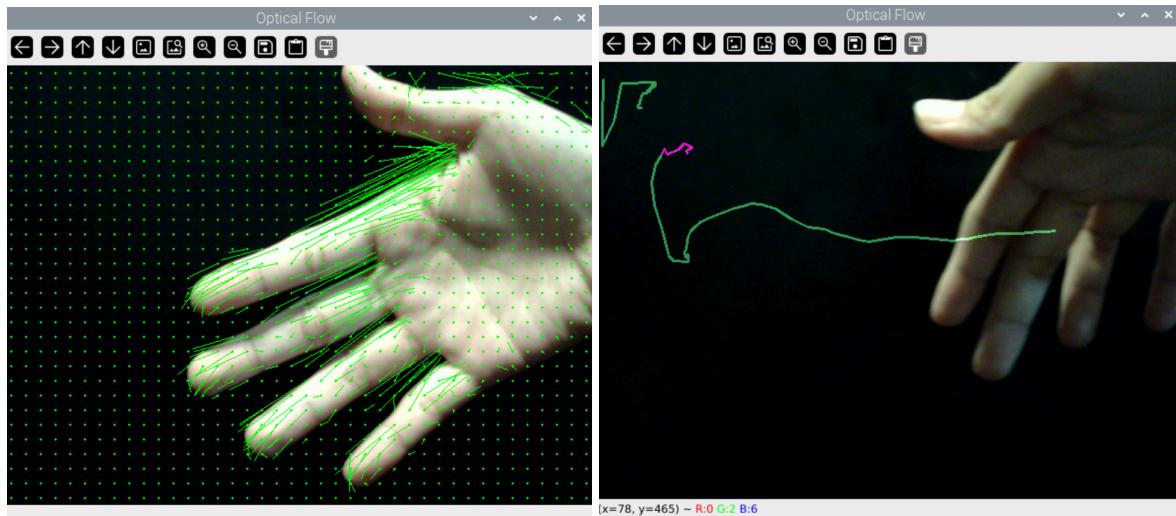


## 6. Real-time Image Feature Analysis for Face Capture and Facial Landmark Extraction



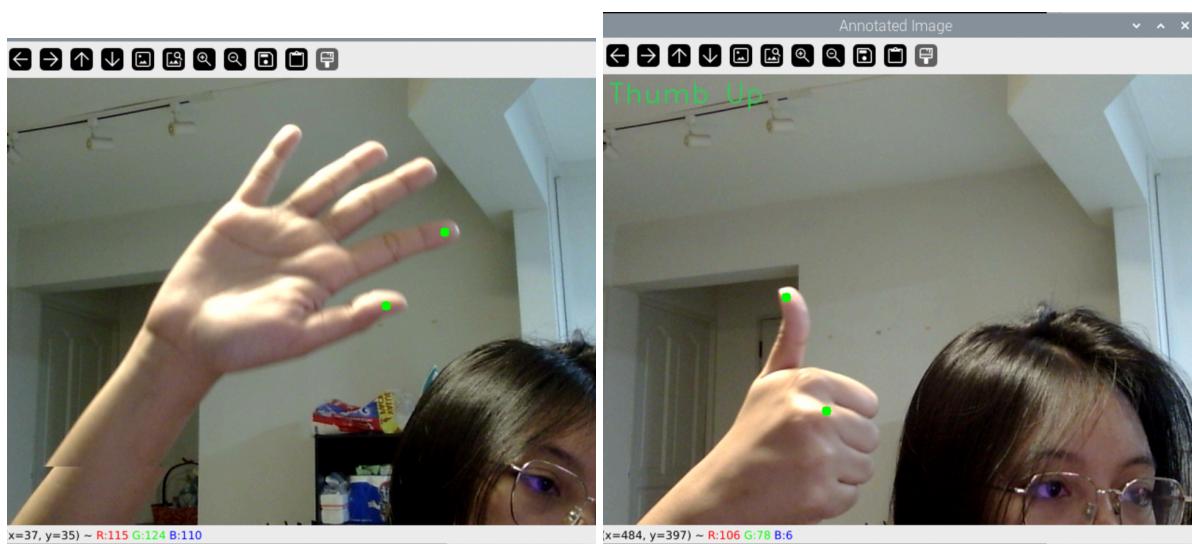
# Video Analytics Lab

## 4. Introduction to real-time video processing on raspberry pi

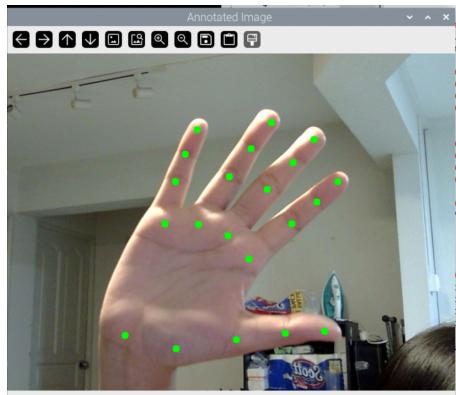


## 5. Advanced Video Analytics

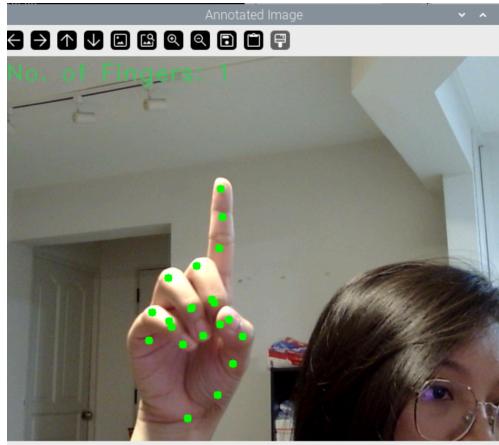
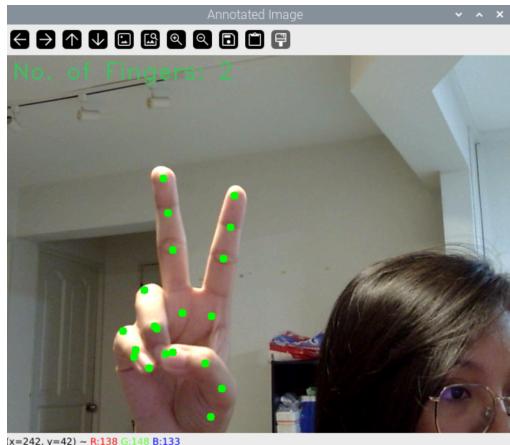
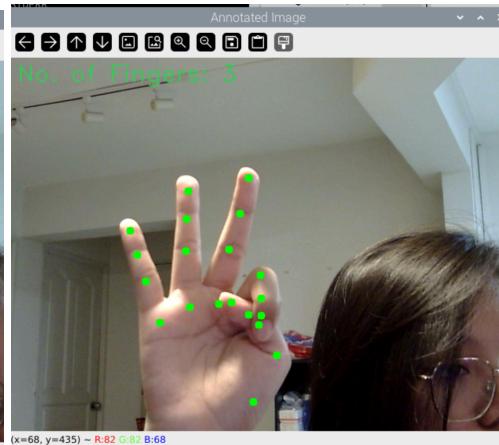
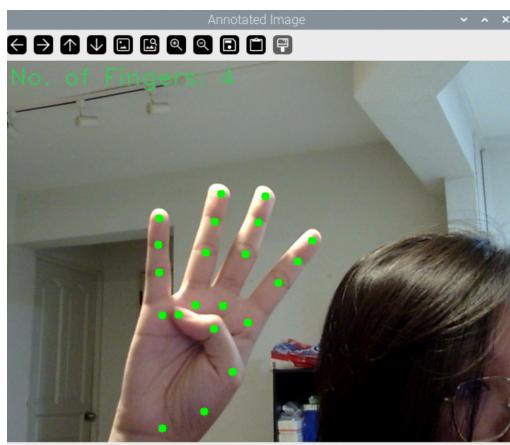
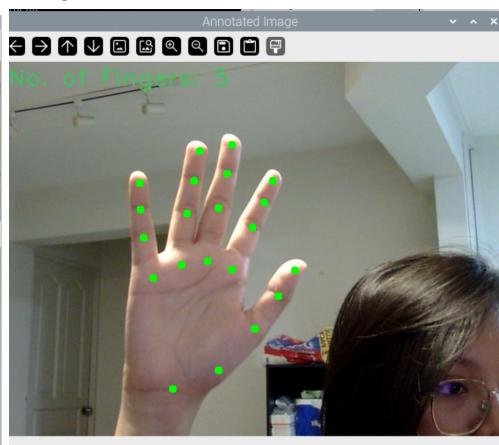
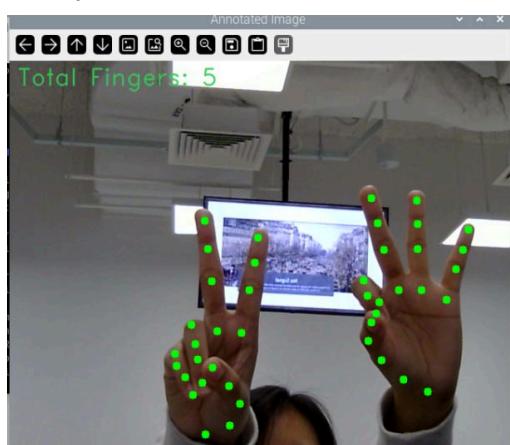
### Hand landmark detection



Modify the code to show all the 21 finger points

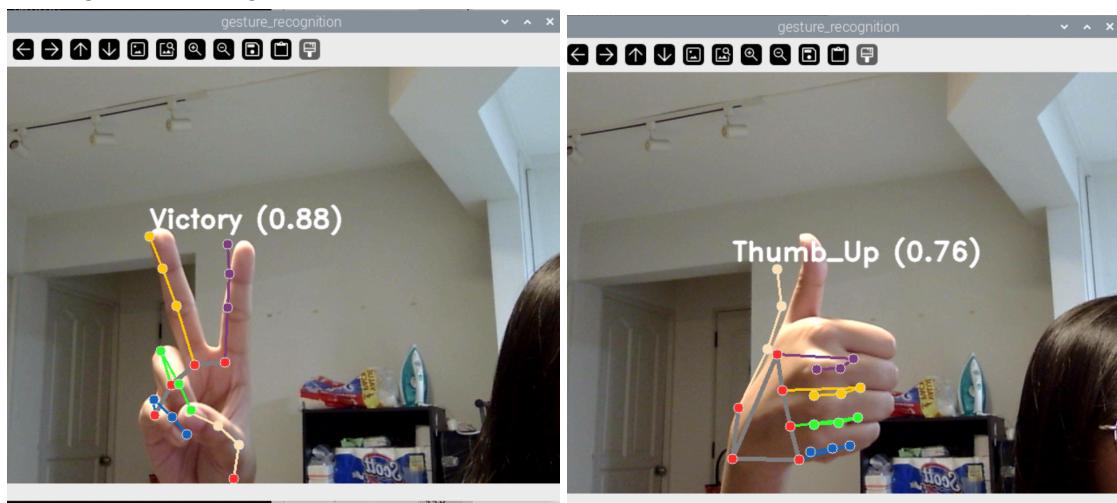


Modify the code to predict the number of fingers

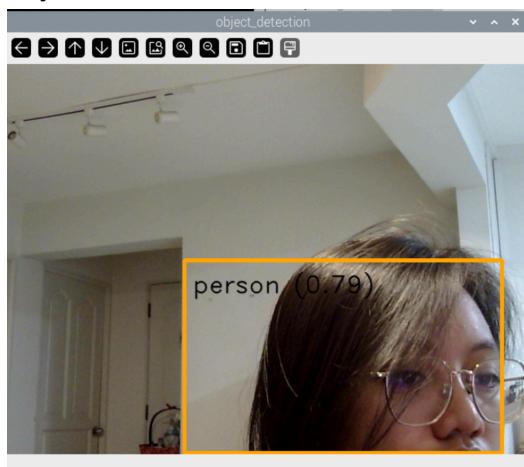


## 6. Advanced Video Analytics

### Hand gesture recognition



### Object detection



Based on the code provided, I implemented object detection-based video summarization, extracting and saving only frames containing cell phones.

