

<u>Initialize webcam:</u> by using cv2.VideoCapture(number of camera) <u>Initialize TensorFlow:</u>

-Load TensorFlow pre-trained model from downloaded model Open gesture.name file (using open('file path', 'r')) also read the file by using .read(). Initialize MediaPipe:

-The Hand recognition algorithm from MediaPipe as mpHands and adjust the parameter for detect hand by .Hands(Max_Num_Hands(default)=2, Model_Complexity(default)=1, Min_Detection_Confidence(default)=0.5, Min_Tracking_Confidence(default)=0.5).

-Draw the point on Hand by .drawing_utils

Custom the color and size of hand skeleton with mpDraw.DrawingSpec: circleDrawingSpec = mpDraw.DrawingSpec(thickness=1, color=(R,G,B),radius=1) lineDrawingSpec = mpDraw.DrawingSpec(thickness=1, color=(R,G,B)) Initialize variable for calculate FPS >>> previousTime and currentTime







