Building Flask Application -Part 3

Duration: 0.5 Hrs

Skill Tags:

Each frame is taken from the camera and processed and sent to the model for prediction. As discussed image undergoes different processing steps to meet model requirements to get predictions.

```
#preprocessing the frame captured from camera
def detect(frame):
        img = resize(frame,(64,64,1))
        img = np.expand_dims(img,axis=0)
        if(np.max(img)>1):
            img = img/255.0
        with graph.as_default():
                prediction = model.predict_classes(img)
        print(prediction)
        pred=vals[prediction[0]]
        print(pred)
        return pred

```

This below in the snippet for calling video feed from the HTML page.

```
@app.route('/video_feed')
def video_feed():
    return Response(gen(),
                    mimetype='multipart/x-mixed-replace; boundary=frame')

if __name__ == '__main__':
    app.run(host='0.0.0.0', debug=True)

```