#converting csv to images

import numpy as np

import cv2

import os

# create a folder called "output" in the project folder

#the images will be sent there

#ensure the fer2013.csv file is in the same folder

with open("fer2013.csv") as f:

content = f.readlines()

lines = np.array(content)

num\_of\_instances = lines.size

for i in range(1,num\_of\_instances):

try:

print(i)

emotion, img, mode = lines[i].split(",")

img = img.replace('"', '')

img = img.replace('\n', '')

pixels = img.split(" ")

pixels = np.array(pixels, 'float32')

image = pixels.reshape(48, 48)

path\_file\_name = f"output/{i}\_{emotion}.jpg"

cv2.imwrite(path\_file\_name, image)

except Exception as ex:

print(ex)